

**IN THE UNITED STATES DISTRICT COURT FOR
THE NORTHERN DISTRICT OF OHIO
CLEVELAND**

ANITA SPENCER,

Plaintiff,

vs.

**L'ORÉAL USA, INC., L'ORÉAL USA
PRODUCTS, INC., STRENGTH OF
NATURE GLOBAL, LLC, DABUR
INTERNATIONAL LTD., DABUR USA
INC., and NAMASTE
LABORATORIES, LLC,**

Defendants.

Civil Action 1:23-cv-00401

JURY TRIAL DEMAND

COMPLAINT

Plaintiff Anita Spencer, by her undersigned counsel, makes the following Complaint (“Complaint”) against Defendants L’Oréal USA, Inc., L’Oréal USA Products, Inc. (“L’Oréal”), Strength of Nature Global, LLC, Dabur International LTD., Dabur USA Inc., Namaste Laboratories, LLC alleging as follows:

NATURE OF THE ACTION

1. This action arises out of Plaintiff Anita Spencer’s diagnosis of ovarian cancer. Plaintiff Anita Spencer’s ovarian cancer was directly and proximately caused by her regular and prolonged exposure to phthalates and other endocrine disrupting chemicals found in Defendants’ hair care products.

2. Plaintiff brings this action against Defendants for claims arising from the direct and proximate result of Defendants, their directors, agents, heirs and assigns, and/or their

corporate predecessors' negligent, willful, and wrongful conduct in connection with the design, development, manufacture, testing, packaging, promoting, marketing, distribution, labeling, and/or sale of the products known as Dark & Lovely, Just for Me, Motions, and Olive Oil Relaxer (together, the "Products").

3. Plaintiff, Anita Spencer, was injured as a result of her use of certain of Defendants' Products, including, but not limited to, Dark & Lovely, Just for Me, Motions, and Olive Oil ("Products"), to chemically straighten or relax her hair.

4. Defendants were responsible for the design, research, manufacture, testing, advertisement, labeling, promotion, marketing, sale, and/or distribution of Defendants' Products.

5. At all relevant times, Defendants knew or should have known that their Products had not been properly tested and/or were not safe for their indicated use.

6. Defendants negligently misrepresented and/or fraudulently represented to Plaintiff, Anita Spencer and/or the public in general that their Products had been tested and were found to be safe for their indicated use despite their knowledge to the contrary.

7. Defendants concealed their knowledge of the Products' defects from Plaintiff Anita Spencer and/or the public in general.

8. Defendants' representations and/or omissions were done with the intent of defrauding and deceiving Plaintiff Anita Spencer and/or the public in general and were made with the intent of inducing the public in general to purchase Defendants' Products for chemically straightening and/or relaxing hair, all of which evinced a callous, reckless, willful, depraved indifference to health, safety, and welfare of the Plaintiff.

9. Defendants negligently and improperly failed to perform sufficient tests, if any, on the Products, forcing Plaintiff Anita Spencer to rely on inaccurate safety and risk information

relating to the Products.

10. As a result of the foregoing acts and omissions of Defendants, Plaintiff Anita Spencer was and still is caused to suffer serious and dangerous side effects including, inter alia, ovarian cancer requiring a hysterectomy, as well as other severe and personal injuries which are permanent and lasting in are, physical pain and mental anguish, including diminished enjoyment of life, as well as the need for lifelong medical treatment, monitoring, and/or medications, and fear of developing any of the above named health consequences.

11. Plaintiff Anita Spencer has sustained the above health consequences due to her use of Defendants' Products, and Defendants' actions and/or omissions were a direct and proximate cause of her health consequences.

12. Consequently, Plaintiff Anita Spencer seeks compensatory damages as a result of her use of Defendants' Products, which has caused her to suffer from ovarian cancer requiring a hysterectomy, as well as other severe and personal injuries which are permanent and lasting in nature, physical pain and mental anguish, including diminished enjoyment of life, as well as the need for lifelong medical treatment, monitoring and/or medications, and fear of developing any of the above named health consequences.

I. PARTIES

13. Plaintiff Anita Spencer is, and at all times relevant to this action was, a citizen and resident of the State of Ohio with her place of residence being in Cuyahoga County, Ohio.

14. Plaintiff, Anita Spencer, first began using Defendants' Products in or about the 1990s, and frequently used Defendants' Products at all relevant times, including up to the time of her diagnosis with and treatment for ovarian cancer, requiring a hysterotomy.

15. Plaintiff Anita Spencer used Defendants' Products by applying them to her

scalp and/or by having a professional at a hair salon apply Defendants' Products, exactly as instructed by Defendants.

16. Plaintiff Anita Spencer would keep the Products on her hair for the time allotted in the instructions.

17. There was never any indication, on the Products' packaging or otherwise, that this normal use could and would cause her to develop ovarian cancer requiring a hysterectomy.

18. As a result of using Defendants' Products, Plaintiff Anita Spencer was caused to suffer from ovarian cancer requiring a hysterectomy in or about 2018 and was caused to sustain severe and permanent personal injuries, pain, suffering, and emotional distress.

19. The injuries and damages sustained by Plaintiff Anita Spencer were caused by Defendants' Products.

20. Defendant L'Oréal USA, Inc. is, and at all times relevant to this action was, incorporated in the State of Delaware with its principal place of business and headquarters located at 575 Fifth Avenue, New York, New York 10017, and process may be served upon its registered agent, Corporation Service Company, 80 State Street, Albany, New York 12207.

21. Defendant L'Oréal USA Products, Inc. is, and at all times relevant to this action was, incorporated in the State of Delaware with its principal place of business and headquarters located at 10 Hudson Yards 347 10th Avenue New York, New York 10001, and process may be served upon its registered agent, Corporation Service Company, 80 State Street, Albany, New York 12207.

22. Defendant Strength of Nature Global, LLC is, and at all times relevant to this action, was a corporation with its principal place of business and headquarters located at 64 Ross

Road, Savannah, Georgia 31405, and process may be served upon its registered agent, Karen Sood, 6355 Peachtree Dunwoody Road, Atlanta, Georgia 30328.

23. Upon information and belief, members of Strength of Nature Global, LLC are citizens of Georgia and Florida and therefore, this Court has jurisdiction over Strength of Nature, LLC based on complete diversity between the citizenship of Plaintiff and the citizenship of each member of Strength of Nature, LLC, and Defendants collectively.

24. Defendants Dabur USA Inc. is, and at all times relevant to this action, was a corporation with its principal place of business and headquarters located at 5 Independence Way, Princeton, New Jersey 08540.

25. Defendant Namaste Laboratories, LLC is, and at all times relevant to this action, was a limited liability company with its principal place of business located at 310 S. Racine, 8th Fl, South, Chicago, Illinois 60607, and process may be served upon its registered agent, California Corporation Service Company, 801 Adlai Stevenson Drive, Springfield, Illinois 62703.

26. Upon information and belief, this Court has jurisdiction over Strength of Nature, LLC based on complete diversity between the citizenship of Plaintiff and the citizenship of each member of Strength of Nature, LLC, and Defendants collectively.

27. Upon information and belief, at all times relevant to this Complaint, all Defendants were engaged in the research, development, manufacture, design, testing, sale, and marketing of the Products, and introduced the Products into interstate commerce with knowledge and intent that such products be sold in the State of Ohio.

28. Plaintiff purchased Defendants' products in the State of Ohio, and the damages sustained by Plaintiff as alleged herein occurred within the State of Ohio.

29. At all times material hereto, Defendants developed, tested, assembled, manufactured, packaged, labeled, prepared, distributed, marketed, supplied, and/or sold the defective Products, including but not limited to:

- a. Dark & Lovely;
- b. Motions;
- c. Just for Me; and
- d. Olive Oil.

30. Defendants' defective Products were placed into the stream of interstate commerce and was used continually by the Plaintiff since on or around the year 1968.

31. In or about 2012, Plaintiff was diagnosed with ovarian cancer, requiring a hysterectomy and resulting in early menopause, a diagnosis caused by Plaintiff's exposure to chemicals in the Defendants' Products.

II. JURISDICTION AND VENUE

32. This Court has jurisdiction over this action pursuant to 28 U.S.C. § 1332, because the amount in controversy as to the Plaintiff exceeds \$75,000.00, exclusive of interest and costs, and because Defendants are incorporated and have their principal places of business in states other than the state in which the Plaintiff Anita Spencer resides.

33. No Defendant in this action is incorporated in the State of Ohio, maintains a principal place of business in the State of Ohio, or has members who are citizens of the State of Ohio. As Plaintiff is a citizen of the State of Ohio, complete diversity exists in this action.

34. Upon information and belief, at all relevant times, Defendants were present and transacted, solicited, and conducted business in the State of Ohio through their employees, agents and/or sales representatives, and derived substantial revenue from such business.

35. At all relevant times, Defendants expected or should have expected that their acts and omissions would have consequences within the United States and the State of Ohio.

36. This Court has personal jurisdiction over Defendants because they conduct business in Ohio, purposefully direct and/or directed their actions toward Ohio, consented to being sued in Ohio by registering an agent for service of process in Ohio, and/or consensually submitted to the jurisdiction of Ohio when obtaining a manufacturer or distributor license, and have the requisite minimum contacts with Ohio necessary to constitutionally permit this Court to exercise jurisdiction. Moreover, Defendants' actions and/or inactions described herein were purposefully directed at and/or within the State of Ohio, the damages were sustained by Plaintiffs within the State of Ohio, and the damages sustained by Plaintiffs were a result of Defendants' actions and/or inactions—described herein—that were purposefully directed at and/or within the State of Ohio.

37. Defendants' Products were all sold either directly or indirectly, to members of the general public within the State of Ohio.

38. Defendants have sufficient minimum contacts with the State of Ohio and regularly conducts business within the State of Ohio such that exercising jurisdiction over Defendants would not offend due process or traditional notions of fair play and substantial justice.

39. Venue is proper in this district pursuant to 28 U.S.C. §§1391(a) and (b)(2) and 1391(c)(2) because a substantial part of the events or omissions giving rise to the claims occurred in this judicial district, and the Defendants are subject to this Court's personal jurisdiction. Venue is also proper under 18 U.S.C. § 1965(a) because Defendants transact substantial business in this district.

40. Upon information and belief, at all relevant times, Defendants were present and transacted, solicited and conducted business in the State of Ohio through their employees, agents and/or sales representatives, and derived substantial revenue from such business.

41. At all relevant times, Defendants expected or should have expected that their acts and omissions would have consequences within the United States and the State of Ohio.

III. FACTS COMMON TO ALL COUNTS

A. Hair Straighteners and Relaxers

a. Market for Hair Straightening and Relaxing Products

42. Black people make up about 13 percent of the U.S. population, but by one estimate, Black spending accounts for as much as 22 percent of the \$42 billion-a-year personal care products market, suggesting that they buy and use more of such products—including those with potentially harmful ingredients—than Americans as a whole.¹

43. In an analysis of ingredients in 1,177 beauty and personal care products marketed to Black women, about one in twelve (12) was ranked highly hazardous on the scoring system of Environmental Working Group's "(EWG)" Skin Deep® Cosmetics Database, a free online resource for finding less-hazardous alternatives to personal care products. The worst-scoring products marketed to Black women were hair relaxers, hair colors, and bleaching products. Each of these categories had an average product score indicating high potential hazard.

¹ Thandisizwe Chimurenga, *How Toxic is Black Hair Care?*, New America Media, Feb. 2, 2012, americamedia.org/2012/02/skin-deep-in-more-ways-than-one.php; *Personal Care Products Manufacturing Industry Profile*, Dun & Bradstreet First Research, August 2016, www.firstresearch.com/Industry-Research/Personal-Care-Products-Manufacturing.html (This report uses "Black" to describe not only people who identify as African-American, but Black people in the U.S. who come from the Caribbean or other areas. "African-American" is used only when a cited source specifies that term).

44. In the U.S. alone, Black consumers spend over \$1 trillion each year, with a significant amount of that spending toward hair care products.²

45. In 2020, the global Black Hair care market was estimated at \$2.5 billion, with the hair relaxer market alone estimated at \$718 million in 2021, with the expectation of growth to \$854 million annually by 2028.

b. History of Hair Relaxers in America

46. In its natural or virgin state, afro-hair texture is characterized by coily, springing, zigzag, and s-curve curl patterns, as well as its density, fullness, texture, and feel.³

47. Afro-textured hair “naturally grows up and out.”⁴

48. In Africa, hair was seen as a source of personal and spiritual power. As the highest point of the body and “most elevated part of the body, some communities believe[d] [their hair] connected them with the divine.”⁵ For some, hair was the “conduit for spiritual interaction with God.”⁶

49. African hairstyles were also status symbols reflecting one’s “marital status, age, religion, and rank in society” and one’s tribe.⁷ Warriors, kings, and queens wore braids to show

² Wright, Bruce C.T. *Black Buying Power By The Numbers: History In The Making*. Available at: <https://newsone.com/3901998/black-buying-power-by-numbers-history-making/>.

³ Patrick Obukowcho, *Hair Relaxers: Science, Design, and Application*, 26, 14 (2018).

⁴ Ayana Byrd & Lori Tharps, *When Black Hair Is Against the Rules*, The New York Times, April 30, 2014, <https://www.nytimes.com/2014/05/01/opinion/when-black-hair-is-against-the-rules.html>.

⁵ Nikki Fox, *6 Things Everyone Should Know About Black Hair History*, Odele, Feb. 22, 2021, <https://odelebeauty.com/blogs/the-rinse/black-hair-history-facts>.

⁶ Rumeana Jahangir, *How Does Black Hair Reflect Black History?*, BBC News. May 31, 2015. <https://www.bbc.com/news/uk-england-merseyside-31438273.amp>.

⁷ *History of Braids: More Than Just a Hairstyle*, Genesis Career College, <https://www.genescareer.edu/history-of-braids-more-than-just-a-hairstyle/>.

their ranking in society.⁸ The Wolof tribe in West Africa, wore braided styles when they went to war.⁹

50. Most styling was extremely intricate and involved days of labor. Engaging in this process was considered to be necessary, as “only the mad and mourning did not do their hair.”¹⁰

51. One of the of first things slave masters did to enslaved people forced to American soil was cut their hair. This was a way to “break their spirit and make slaves easier to control.”¹¹ What was once a symbol of pride and symbolism became a tool for subordination and degradation. As such, hair cutting was also a common form of punishment.

52. The very nature of slavery involved working long hours in dire conditions. Enslaved people had “no time to care about one’s appearance or one’s hair.”¹² “Hair that was once a source of pride and expression of identity was often tucked away beneath cloth to cover rough, tangles tresses and shield them from hours spent toiling under the sun.”¹³ The hair that was once an important spiritual and cultural symbol became tangled and matted.

53. White Americans did not see African or Black hair as beautiful. Instead, they described it as “closer to sheep wool than human hair.”¹⁴ African hair that was once considered an attractive feature became a source of shame, to be covered or cut.

⁸ *Id.*

⁹ *Id.*

¹⁰ Hlonipha Mokoena, *From Slavery to Colonialism and School Rules, Navigating the History of Myths about Black Hair*, Quartz Africa, Fe., 24, 2018, <https://qz.com/africa/1215070/black-hair-myths-from-slavery-to-colonialism-school-rules-and-good-hair/>.

¹¹ Brenda A. Randle, *I Am Not My Hair*, Race, Gender and Class, Volume 22, Number 1-2, 114 – 121 (2015).

¹² Nikki Fox, *6 Things Everyone Should Know About Black Hair History*, Odele, Feb. 22, 2021. <https://odelebeauty.com/blogs/the-rinse/black-hair-history-facts>.

¹³ *Id.*

¹⁴ Ayana Byrd & Lori Tharps, *When Black Hair Is Against the Rules*, The New York Times, April 30, 2014. <https://www.nytimes.com/2014/05/01/opinion/when-black-hair-is-against-the-rules.html>

54. In 1786, the Governor of Louisiana, Don Esteban Miro, passed the “Tignon Law” requiring Black women to wear a tignon (scarf) over their hair as a way of signifying they were members of the slave class, *even if they were free*.¹⁵ “By requiring free Black women to wear the same hair covering, the governor was marking them as related to enslaved women rather than White women.”¹⁶ This law sent a direct signal to Black people that their hair held a symbol of inequality and was a sign of poverty regardless of their actual social status.

55. Because afro-textured hair was kinky and reflected African heritage rather than European ancestry afro-textured hair was a symbol of low social status.¹⁷

56. Slaves with lighter skin and less coily hair were favored to work in the home, a far less strenuous position than in the plantation fields.¹⁸

57. Texturism, the idea that “good hair” is equated with a straighter hair texture, was cemented into American culture during its period of chattel slavery. “Eurocentric beauty standards dictated that coily hair and dark skin were unattractive and inferior”; “lighter skinned and straighter haired slaves were favored and selected for more desirable positions in the house” as opposed to the fields.¹⁹ Thus, “the texture of an enslaved person’s hair could determine their value and working conditions, which in turn might impact their overall health, comfort and chances for freedom[.]”²⁰ Naturally, Black men and women strived for a better life in the

¹⁵ Nikki Fox, *6 Things Everyone Should Know About Black Hair History*, Odele, Feb., 22, 2021, <https://odelebeauty.com/blogs/the-rinse/black-hair-history-facts>.

¹⁶ *Fashionable Rebellion*, Women and the American Story, New York Historical Society Museum and Library, <https://wams.nyhistory.org/settler-colonialism-and-revolution/settler-colonialism/fashionable-rebellion/>.

¹⁷ Brenda A. Randle, *I Am Not My Hair*, Race, Gender and Class, Volume 22, Number 1-2, 114 – 121 (2015).

¹⁸ *Id.*

¹⁹ *Id.*

²⁰ *Id.*

Americas and were taught that the straighter and less kinky their hair was, the better a life they could have. This fueled the desire for tools and products that could straighten Black hair texture.

58. Gone were the days of African hairstyles and pride. “The goal of grooming the hair had morphed from the elaborate and symbolic designs of Africa into an imitation of White styles adapted to Black kinks and curls.”²¹

59. In an effort to obtain a better life, so many slaves would go to “dangerous lengths to straighten their hair.”²²

60. Black, or afro-textured hair, can be manipulated into a straightened state with the use of hair tools and hair products. Prior to the invention of the chemical relaxer in 1900s, individuals would “press” afro-textured hair with metal hair tools such as the “hot comb.” Pressing combs or hot combs are metal hair tools that are first heated in a stove or ceramic heater, then pressed into hair strands to temporarily straighten them.²³

61. The hot comb was first invented by Frenchman, Marcel Grateau who popularized the hair styling tool in Europe in the 1870s, including advertisements in catalogs of major department stores like Sears and Bloomingdales.²⁴ The hot comb was later modified by Madam C.J. Walker, a trailblazer in the development of Black hair products, to be manufactured with

²¹ Brenda A. Randle, *I Am Not My Hair*, Race, Gender and Class, Volume 22, Number 1-2, 114 – 121 (2015).

²² Nikki Fox, *6 Things Everyone Should Know About Black Hair History*, Odele, Feb. 22, 2021. <https://odelebeauty.com/blogs/the-rinse/black-hair-history-facts>

²³ Jaclyn Peterson, *The Price of Beauty*, CTI Charlotte Teachers Institute Curriculum (2021).

²⁴ Henry Louis Gates, *Madam Walker, the First Black American Woman to Be a Self-Made Millionaire*, PBS 100 Amazing Facts About the Negro, <https://www.pbs.org/wnet/african-americans-many-rivers-to-cross/history/100-amazing-facts/madam-walker-the-first-black-american-woman-to-be-a-self-made-millionaire/> (last visited October 18, 2022).

wider comb teeth.²⁵ With Walker's system, once the comb was heated a softening ointment was then applied for easier manipulation of afro-textured hair.²⁶

62. Today, afro-textured hair is still often straightened with a hot comb rather than with chemicals. However, pressed hair remains susceptible to "shrinkage." Shrinkage is the process by which curly-kinky hair that has been temporarily straightened coils back into its natural state once the hair interacts with water, humidity, or perspiration,²⁷ creating a shorter or fuller appearance.

²⁵ Cookie Lommel, *Madam C.J. Walker* 60 (1993)

²⁶ *Id.* at 62.

²⁷ *Id.*



c. The Invention of the Chemical Relaxer

63. African American inventor Garrett Augustus Morgan, discovered and created a system that would permanently straighten afro-textured hair, eliminating the issue of “shrinkage.”

64. In addition to being an inventor, Morgan was a tailor. In the early 1900s, Morgan was repairing his sewing machines and creating a way to polish the needles to stitch fabrics more smoothly.²⁸ He applied a chemical solution to the needles and wiped the solution off with a rag

²⁸ Patrick Obukowcho, *Hair Relaxers: Science, Design, and Application* 27 (2018).

and later noticed that the “curly” fibers in the rag were straightened after exposure to the chemical.²⁹

65. Morgan further tested the chemical on a dog with curly hair and eventually on his own hair. The chemical solution successfully straightened curly hair. He turned his formula into a gel-hair product, creating the G.A. Morgan Hair Refining Cream that was marketed in 1913.

Straighten Hair In 15 Minutes
With G. A. MORGAN'S Improved
Hair Refiner Cream

A HAIR STRAIGHTENER THAT HOLDS! One application lasts from 60 to 90 days. Price, 50c and \$1.00. Hair Grower, Hair Lotion and Pressing Cream, 25c. Hair Oil, 35c per bottle. Hair Refining Cream, 50c and \$1.00. Black Hair Stain, 50c. Hair Pressing Cap, 50c. Hair Refining Soap, 25c.

SEND MONEY ORDER OR STAMPS. No C. O. D.

"I have tried them all, but there's nothing that does the work quite so well as G. A. Morgan's Hair Refining Cream for straightening the hair," says Duke Edington, the Jazz King.

The G. A. Morgan Hair Refining Company
5204 HARLEM AVE., CLEVELAND, OHIO
Established 1905

(This Advertisement Is Worth 25c On Each Dollar Purchase)

"IMPROVE YOUR APPEARANCE"

WE GUARANTEE THAT
YOU CAN TREAT YOUR OWN HAIR
saving time, money and worry and getting better results by using
THE G. A. MORGAN METHOD.

The Only Complete Line in the World, for Men, Women and Children

WOMEN
Our treatment will give your hair and scalp a beautiful, soft, wavy appearance, no matter how bad it looks now.
\$5.00
will bring you a complete, perfect, permanent, safe, and healthy hair, including G. A. Morgan's Hair Refining Cream, 50c. Hair Oil, 35c. Hair Pressing Cap, 50c. Hair Refining Soap, 25c. Heavy Seal Hair Pressing Cream, \$1.00.

MEN
You can positively give your hair in fifteen minutes with our famous Hair Refiner Cream.
\$2.50
will bring you a complete, perfect, permanent, safe, and healthy hair, including G. A. Morgan's Hair Refining Cream, 50c. Hair Oil, 35c. Hair Pressing Cap, 50c. Hair Refining Soap, 25c. Heavy Seal Hair Pressing Cream, \$1.00.

AGENTS WANTED TO CANVASS G. A. MORGAN'S HAIR PRODUCTS

HAIR REFINER CREAM	\$1.00
HAIR REFINER SOAP	.25
ITALIAN HAIR OIL	.35
HAIR GROWER	.50
HAIR PRESSING GLOSS	.50
DANDRUFF AND TETTER TREATMENT	1.00
HAIR PRESSING NIGHT CAP	1.00
BLEECHENE	.50
BLACK HAIR STAIN	.50
HAIR LAY FINE POMADE	.25

FOR PARTICULARS WRITE
THE G. A. MORGAN HAIR REFINING COMPANY
5204 HARLEM AVENUE, CLEVELAND, OHIO
Ask Your Druggist for It. Prompt Attention Given To Mail Orders.

G.A. MORGAN'S HAIR REFINER CREAM
"SELF TREATMENT GIVES 8-10 RESULTS"

"THE BEST THERE IS - CHEAPER THAN THE CHEAPEST!"
Tell Your Hair Dresser To Get
G. A. MORGAN'S
RIGHT OR LEFT-HANDED
COMB

EASY
EAT RETAINING
USE GRADE STEEL
AIR STRAIGHTENING
AND SOFTLY CURVED
HIGHLY POLISHED
AND WOOD HANDLED

AND GET ONE FOR YOUR
OWN USE, PRICE... **\$3.50**

CLIP THIS COUPON IT IS WORTH
25 CENTS

On one complete outfit of our goods for either men or women
Name _____
Address _____
City _____

²⁹ Mary N. Oluonye, Garrett Augustus Morgan: Businessman, Inventor, Good Citizen 28 (2008).

66. Morgan's invention paved the way for the alkaline relaxer and later development of additional chemical-based permanent hair straightening products in the Black hair care market.³⁰

d. Defendants' Marketing Efforts

67. In 1971, Dark and Lovely manufactured the first lye relaxer. The formula consisted of sodium hydroxide, water, petroleum jelly, mineral oils, and emulsifiers.³¹

68. In the 1970s, lye relaxer users and manufacturers noticed that the lye formula stripped proteins from the hair strand, resulting in the hair thinning and breaking.³² As a result, Johnson and Johnson marketed the first "gentle" hair relaxer in 1981, which used milder chemicals such as potassium hydroxide and lithium hydroxide.³³

69. Over time, Soft & Beautiful and other chemical relaxer manufacturers developed herbal and botanical hair relaxer formulas.³⁴

70. Today, Defendants market their hair relaxer products to Black customers across the United States, and the world, reinforcing the same historical Eurocentric standards of beauty. Defendant's marketing scheme relies heavily relying on branding and slogans that reinforce straight hair as the standard.³⁵

71. Defendant L'Oréal and Defendant Soft Sheen Products depict a Black woman with straight hair on each of its Dark and Lovely and Optimum brands of relaxer products.

72. Defendant Strength of Nature Global, LLC markets its Soft & Beautiful and Motions relaxer products, depicting beautiful, happy, fair-skinned African American women

³⁰ Patrick Obukowcho, *Hair Relaxers: Science, Design, and Application* 27 (2018).

³¹ Cicely A. Richard, *This History of Hair Relaxers*, September 29, 2017 <https://classroom.synonym.com/the-history-of-hair-relaxers-12078983.html>.

³² *Id.*

³³ *Id.*

³⁴ *Id.*

³⁵ *Id.*

with straight hair in seeming perpetual motion.³⁶

73. Defendant Strength of Nature Global, LLC's Just for Me brand specifically targets young Black girls with promises of “perfect straightness,” grooming the next generation of lifetime consumers of relaxers containing DEP.



74. Defendants have marketed their Products specifically to Black and Brown women across the United States to “tame” their ethnic hair by making it smoother, straighter, and easier to manage.

³⁶ *Id.*

75. These Products specifically marketed to the Black and Brown community contain hormonally active and carcinogenic compounds which are often broadly lumped together as “fragrance” or “perfume.”

76. Marketing for many hair care products at issue begins as young as childhood, grooming the next generation and indoctrinating them into a destructive view of beauty standards.

77. Marketing for these products hinges on coercing Black and Brown women to conform to a determined “white” beauty standard through the use of: (1) Internalization of acceptable beauty norms, (2) Media and advertisements, (3) Economic security and the ability to be employed, (4) A culture that has been curated to accept these values through the above.

e. Chemical Relaxer Use

78. Hair relaxers are classified as creams or lotions which are specifically marketed to Black and Brown women to “tame” their ethnic hair by making it smoother, straighter, and easier to manage on a daily basis.

79. Hair relaxing, or lanthionization, can be performed by a professional cosmetologist in a salon or barbershop, or at home with at-home relaxer kits designed for individual use. These home kits are sold in grocery, drug, and beauty supply stores in urban and rural cities throughout the United States.

80. Relaxers are applied to the base of the hair shaft and left in place for a “cooking” interval, during which the relaxer alters the hair’s texture by purposefully damaging the hair’s natural protein structure. The effect of this protein damage is to straighten and smooth the hair. After a period of weeks or months, depending on the hair’s natural growth rate, the treated portion of the hair grows away from the scalp as new growth sprouts from the roots. Maintaining the relaxed hairstyle requires on-going application of hair relaxer to the new growth, a process

colloquially referred to in the community as “re-touches”, resulting in women relaxing their new growth every four to eight weeks on average, usually for decades.

81. Hair relaxers can, and often do, cause burns and lesions in the scalp, facilitating entry of hair relaxer constituents into the body. The main ingredient of “lye” relaxers is sodium hydroxide, while no-lye relaxers contain calcium hydroxide and guanidine carbonate, and “thio” relaxers contain thioglycolic acid salts. No-lye relaxers are advertised as causing fewer scalp lesions and burns than lye relaxers, but there is little evidence to support this claim.

82. In some studies, up to 90% of Black and Brown women have used hair relaxers and straighteners, which is more commonplace for these women than women of any other race. Hair relaxers contain hormonally active and carcinogenic compounds, such as phthalates, known to cause endocrine disruption, which are not required to be listed separately as ingredients and are often broadly lumped into the “fragrance” or “perfume” ingredient categories. Relaxer habits usually begin in formative childhood years; adolescence is likely a period of enhanced susceptibility to debilitating conditions resulting from exposure to these chemicals.³⁷

83. In the 1990s, the first relaxer product for young Black girls, Just for Me™, hit the market with a catchy advertising jingle that captured consumer attention.³⁸ It soon became one of the most popular straightening treatments, touting a no-lye formula designed to be gentler for children’s sensitive scalps.

84. Once relaxer use begins in childhood, it usually becomes a lifetime habit. The frequency of scalp burns with relaxer application can increase the risk of permanent and debilitating diseases associated with long-term exposure to endocrine-disrupting chemicals.

³⁷ Patrick Obukowcho, *Hair Relaxers: Science, Design, and Application* 27 (2018).

³⁸ Dana Oliver, *The ‘90s Just For Me Hair Relaxer Commercials Song Is Stuck In Our Heads*, HuffPost, Feb. 1, 2014, https://www.huffpost.com/entry/just-for-me-hair-relaxer-commercial-song_n_4689981

85. In one study, two-thirds of moderate to heavy users of hair relaxers start before the age of 20 and one third of these users experienced >5+ scalp burns per application from using these products. The frequency of scalp burns with relaxer application increases the risk of permanent and debilitating diseases associated with long-term exposure to endocrine-disrupting chemicals.

86. The reasons for Black women's use and dependence upon hair straightening products are associated with various factors, including (1) the post-slavery continuation of Eurocentric beauty norms, (2) media and advertisements, (3) assimilation and economic security, (4) ease of hair maintenance, and (5) culture.³⁹

87. In a culture where Black features have historically been deemed less attractive, the decision to begin and continue using products to alter the natural state of their hair serves as a protective mechanism against racial discrimination. In the Dove CROWN Research Study for Girls (2021)⁴⁰ conducted by JOY Collective, the following statistics was discovered:

- a. 100% of Black elementary school girls in majority-White schools who report experiencing hair discrimination state they experience the discrimination by the age of 10.
- b. 86% of Black teens who experience discrimination state they have experienced discrimination based on their hair by the age of 12.

³⁹ Chanel Donaldson, *Hair Alteration Practices Amongst Black Women and the Assumption of Self-Hatred*, Applied Psychology Opus, https://wp.nyu.edu/steinhardt-appsych_opus/hair-alteration-practices-amongst-black-women-and-the-assumption-of-self-hatred/

⁴⁰ JOY Collective, *Dove CROWN Research Study for Girls* (2021), https://static1.squarespace.com/static/5edc69fd622c36173f56651f/t/623369f7477914438ee18c9b/1647536634602/2021_DOVE_CROWN_girls_study.pdf

- c. 66% of Black girls in majority-White schools report experiencing hair discrimination compared to 45% of Black girls in all school environments.
- d. 53% of Black mothers, whose daughters have experienced hair discrimination, say their daughters experienced the discrimination as early as 5 years old.
- e. 47% of Black mothers report having experienced discrimination related to their hair.
- f. Trauma from these experiences cause girls to miss days from school; teenage Black girls are missing a week of school per year due to hair dissatisfaction.
- g. While 90% of Black girls believe their hair is beautiful, the microaggressions and discrimination she endures has an impact on how she sees herself.
- h. Black women are one and a half times more likely to be sent home from the workplace because of their hair.
- i. Black women are 89% more likely than White women to agree with the statement, “I have to change my hair from its natural state to fit in at the office.”

88. The CROWN Act of 2021⁴¹ is a legislative bill introduced in both houses of Congress to address discrimination against protective hair styles worn predominantly by women of color. While the bill did not pass the Senate in 2022, eighteen states have signed a version of the bill into state law.

B. Regulatory Framework

⁴¹ The CROWN Act was created in 2019 by Dove and the CROWN Coalition, in partnership with then State Senator Holly J. Mitchell of California, to ensure protection against discrimination based on race-based hairstyles by extending statutory protection to hair texture and protective styles such as braids, locks, twists, and knots in the workplace and public schools. <https://www.thecrownact.com/>

89. The law does not require cosmetic products or ingredients, other than color additives, to have FDA approval before they go to market. But there are laws and regulations that apply to cosmetics placed into the market. The two most important laws pertaining to cosmetics marketed in the United States is the Federal Food Drug and Cosmetic Act (“FD&C Act”) and the Fair Packaging and Labeling Act (“FPLA”).

90. The FD&C Act expressly prohibits the marketing of “adulterated” or “misbranded” cosmetics in interstate commerce.

91. Adulteration refers to a violation involving product composition whether it results from ingredients, contaminants, processing, packaging shipping or handling.

92. Under the FD&C Act a cosmetic is adulterated if: 1) it bears or contains any poisonous or deleterious substance causing injury to the product user, and 2) if its container is composed in whole or in part, of any poisonous or deleterious substance which may render the contents injurious to health.

93. Misbranding refers to violations involving improperly labeled or deceptively packaged products.

94. Under the FD&C Act, a cosmetic is misbranded if: 1) labeling is false or misleading, 2) the label does not include all required information, 3) required information is not prominent and conspicuous, 4) the packaging and labeling is in violation of an applicable regulation issued pursuant to section 3 and 4 of the Poison Prevention Packaging Act of 1970.⁴²

95. Under United States law, cosmetic manufacturers are not required to submit their safety data to the FDA. However, it is against the law to put an ingredient in a cosmetic that makes

⁴² Food and Drug Administration Cosmetic Act § 602 (1938).

the cosmetic harmful when used as intended.⁴³ An example of such an ingredient is methylene chloride because it causes cancer in animals and is likely to be harmful to human health, too.⁴⁴

96. On May 19, 2022, the FDA issued a rule to amend its food additive regulations to no longer provide for most previously authorized phthalates to be used as food additives.⁴⁵ The FDA revoked authorizations for the food contact use of 23 phthalates and two other substances used as plasticizers, adhesives, defoaming agents, lubricants, resins, and slimicides.⁴⁶

97. Companies and/or individuals who manufacture or market cosmetics have a legal responsibility and duty to ensure the safety of their own products. FDA regulations do not require specific tests to demonstrate the safety of individual products or ingredients. There is also no requirement that cosmetic companies share their safety information with the FDA.

98. The FDA has consistently advised manufacturers to use whatever testing is necessary to ensure the safety of products and ingredients, which may be substantiated through: (a) reliance on already available toxicological test data on individual ingredients and on product formulations that are similar in composition to the particular cosmetic, and (b) performance of any additional toxicological and other tests that are appropriate in light of such existing data and information.⁴⁷

⁴³ *Prohibited & Restricted Ingredients in Cosmetics*, U.S. Food and Drug Administration, <https://www.fda.gov/cosmetics/cosmetics-laws-regulations/prohibited-restricted-ingredients-cosmetics>

⁴⁴ 21 Code of Federal Regulations § 700.19.

⁴⁵ § 87 FR 31080

⁴⁶ *Phthalates in Food Packages and Food Contact Applications*, U.S. Food and Drug Administration, <https://www.fda.gov/food/food-ingredients-packaging/phthalates-food-packaging-and-food-contact-applications>

⁴⁷ *FDA Authority Over Cosmetics: How Cosmetics Are Not FDA-Approved, but Are FDA-Regulated*, U.S. Food and Drug Administration, Mar., 3, 2005, <https://www.fda.gov/cosmetics/cosmetics-laws-regulations/fda-authority-over-cosmetics-how-cosmetics-are-not-fda-approved-are-fda-regulated>

99. Except for color additives and ingredients prohibited or restricted by regulation, a manufacturer may use any ingredient in the formulation of a cosmetic, provided that: (1) the ingredient and the finished cosmetic are safe under labeled or customary conditions of use, (2) the product is properly labeled, and (3) the use of the ingredient does not otherwise cause the cosmetic to be adulterated or misbranded under the laws the FDA enforces.⁴⁸

100. With respect to whether the product is properly labeled, Title 21 of the Code of Federal Regulations defines the establishment of warning statements related to cosmetic products. Section 740.1 states, “The label of a cosmetic product *shall* bear a warning statement whenever necessary or appropriate to prevent a health hazard that *may* be associated with the product.” (emphasis added). This warning directive directly correlates with the broad authority and responsibility of manufacturers over their own cosmetic products to ensure that products are safe under labeled or customary conditions of use, properly labeled, and not adulterated or misbranded under FDA laws.

101. In short, under the current regulatory framework in the United States, it is incumbent upon the manufacturers of cosmetic products, and them alone, to assess the safety and efficacy of their products, and to warn consumers anytime a health hazard may be associated with their products. Here, a wealth of scientific information is available regarding long-term use of hair relaxers, straighteners and hair dyes as containing certain endocrine-disrupting chemicals, which should have alerted manufacturers of these products to the specific and dangerous harms associated with their products when used as intended, particularly in women of color.

C. Components of Chemical Hair Straighteners and/or Relaxers

⁴⁸ *Id.*

102. Recent studies investigating the potential link between various adverse health effects in women, including cancer, and the use of chemical hair straighteners and/or relaxers have implicated certain frequent chemical components of chemical hair straighteners as possible contributors to adverse health effects in women, including, but not limited to, increased cancer incidence and uterine fibroids. These constituents include phthalates, parabens, bisphenol A (“BPA”), cyclosiloxanes, diethanolamine (all of which are considered endocrine disrupting chemicals (“EDCs”), discussed in further detail below), metals, and formaldehyde.⁴⁹

103. One study examining the chemical components of hair products used by Black women found that hair relaxers for children contained five chemicals that were either regulated by California’s Proposition 65 or prohibited by EU cosmetics regulations (including the phthalate Di-2-ethylhexylphthalate (“DEHP”) and BPA) due to their associations with reproductive toxicity and cancer and were not generally listed on the product labels. Specifically, 84% of the chemicals detected in the study were not listed on the label. The researchers noted: “Mixtures of chemicals may act additively through a common biological pathway or affect multiple carcinogenic mechanisms, resulting in a greater effect than each chemical in isolation. Low-dose mixtures of

⁴⁹ Chang C-J, et al. *Use of Straighteners and Other Hair Products and Incidence Uterine Cancer*. JNCI J Natl Cancer Inst. 2022;00(0). Available at: <https://doi.org/10.1093/jnci/djac165>; White A.J., et al. *Use of hair products in relation to ovarian cancer risk*. Carcinogenesis 2021;42(9):1189-1195. Available at: <https://doi.org/10.1093/carcin/bgab056>; Coogan P.F., et al. *Hair product use and breast cancer incidence in the Black Women’s Health Study*. Carcinogenesis 2021;42(7):924-930. DOI:10.1093/carcin/bgab041; Gaston S.A., et al. *Chemical/Straightening and Other Hair Product Usage during Childhood, Adolescence, and Adulthood among African-American Women: Potential Implications for Health*. J. Expo. Sci. Environ. Epidemiol. 2020;30(1):86-96. doi:10.1038/s41370-019-0186-6; Zota A.R., Shamasunder B. *The environmental injustice of beauty: framing chemical exposures from beauty products as a health disparities concern*. Am. J. Obstet. Oct. 2017;418-422.

phthalates, parabens...and other common chemicals exhibit additive anti-androgenic activity and additive estrogenic activity.”⁵⁰

104. Regarding parabens and phthalates, a recent study stated that, “Accumulating evidence from experimental and animal studies supports the carcinogenic potential of these chemicals.”⁵¹ Previous studies have shown higher levels of parabens (in endometrial tissues) and phthalates (in urine) in participants diagnosed with endometrial cancer than those who were cancer-free.⁵² They have also been detected in human breast tumors.⁵³ Additionally, studies have shown higher urinary levels of certain phthalates and parabens in U.S. Black women compared to U.S. White women.⁵⁴ Black individuals in the U.S. have also been found to have higher concentrations of certain parabens than White individuals.⁵⁵

⁵⁰ Helm J.S., et al. *Measurement of endocrine disrupting and asthma-associated chemicals in hair products used by Black women*. Environ. Research 2018;165:448-458.

⁵¹ Coogan P.F., et al. Hair product use and breast cancer incidence in the Black Women’s Health Study. *Carcinogenesis* 2021;42(7):924-930. DOI:10.1093/carcin/bgab041.

⁵² Sarink D, et al. *BPA, parabens, and phthalates in relation to endometrial cancer risk: a case-control study nested in the multiethnic cohort*. Environ Health Perspect. 2021;129(5):57702.doi:[10.1289/EHP8998](https://doi.org/10.1289/EHP8998).; Dogan S, et al. *Traces of intact paraben molecules in endometrial carcinoma*. Environ Sci Pollut Res Int. 2019;26(30):31158-31165. doi:

[10.1007/s11356-019-06228-1](https://doi.org/10.1007/s11356-019-06228-1).

⁵³ Darbre P.D., et al. *Concentrations of parabens in human breast tumours*. J. Appl. Toxicol. 2004;24:5–13; Barr L., et al. *Measurement of paraben concentrations in human breast tissue at serial locations across the breast from axilla to sternum*. J. Appl. Toxicol. 2012;32:219–232.

⁵⁴ Helm J.S., et al. *Measurement of endocrine disrupting and asthma-associated chemicals in hair products used by Black women*. Environ. Research 2018;165:448-458; James-Todd T.M., et al. *Racial and ethnic variations in phthalate metabolite concentration changes across full-term pregnancies*. J. Expo. Sci. Environ. Epidemiol. 2017;27:160–166; Varshavsky J.R., et al. *A novel method for calculating potency weighted cumulative phthalates exposure with implications for identifying racial/ethnic disparities among U.S. reproductive-aged women in NHANES 2001-2012*. Environ. Sci. Technol. 2016;50:10616–10624; Nguyen V.K., et al. *A comprehensive analysis of racial disparities in chemical biomarker concentrations in United States women, 1999-2014*. Environ. Int. 2020;137:105496.

⁵⁵ US Centers for Disease Control and Prevention. Fourth national report on human exposure to

105. Other studies have indicated a link between altered estrous cycle and uterine pathology in rats with chronic exposure to low-dose BPA, an adverse effect associated with endometrial cancer development and progression.⁵⁶ Urine levels of BPA have also been positively associated with the prevalence of uterine fibroids.⁵⁷ Black individuals in the U.S. have also been found to have higher concentrations of BPA than White individuals.⁵⁸

106. Further, studies have associated cyclosiloxanes with neoplastic responses, which can lead to tumor growth, in the uterus of rats.⁵⁹

107. Finally, diethanolamine, metals, and formaldehyde have all been considered carcinogenic.⁶⁰

environmental chemicals: updated tables, Volume 1. US Department of Health and Human Services; 2019. Available at: <https://stacks.cdc.gov/view/cdc/75822>.

⁵⁶ Leung YK, et al. *Low-dose bisphenol a in a rat model of endometrial cancer: a CLARITY- BPA study*. Environ Health Perspect. 2020;128(12):127005.doi:[10.1289/EHP6875](https://doi.org/10.1289/EHP6875); Mallozzi M, et al. *Endocrine disrupting chemicals and endometrial cancer: an overview of recent laboratory evidence and epidemiological studies*. Int J Environ Res Public Health. 2017;14(3):334.doi:[10.3390/ijerph14030334](https://doi.org/10.3390/ijerph14030334).

⁵⁷ Wise, L.A. et al. *Epidemiology of Uterine Fibroids – From Menarche to Menopause*. Clin Obstet Gynecol. 2016;59(1):2-24. doi:10.1097/GRF.0000000000000164.

⁵⁸ US Centers for Disease Control and Prevention. Fourth national report on human exposure to environmental chemicals: updated tables, Volume 1. US Department of Health and Human Services; 2019. Available at: <https://stacks.cdc.gov/view/cdc/75822>.

⁵⁹ Dekant W, et al. *Biological relevance of effects following chronic administration of octamethylcyclotetrasiloxane (D4) in Fischer 344 rats*. Toxicol Lett. 2017;279:42-53.

⁶⁰ Mallozzi M, et al. *Endocrine disrupting chemicals and endometrial cancer: an overview of recent laboratory evidence and epidemiological studies*. Int J Environ Res Public Health.

2017;14(3):334.doi:[10.3390/ijerph14030334](https://doi.org/10.3390/ijerph14030334); International Agency for Research on Cancer (IARC). *Chemical Agents and Related Occupations*. Vol 100F. Lyon, France: IARC Monographs on the Evaluation of Carcinogenic Risks to Humans; 2012.; Aglan MA, Mansour GN. *Hair straightening products and the risk of occupational formaldehyde exposure in hairstylists*. Drug Chem Toxicol. 2020;43(5):488-495. doi:[10.1080/01480545.2018.1508215](https://doi.org/10.1080/01480545.2018.1508215); International Agency for Research on Cancer (IARC). *Arsenic, Metals, Fibres and Dusts*. Vol 100 C. Lyon, France: IARC Working Group on the Evaluation of Carcinogenic Risks to Humans; 2012; International Agency for Research on Cancer (IARC). *Some Chemicals Present in Industrial and Consumer*

a. Endocrine-Disrupting Chemicals (“EDCs”)

108. The endocrine system is indispensable for life and influences nearly every cell, organ, and process within the body.⁶¹ The endocrine system regulates all biological processes in the body from conception through adulthood, including the development of the brain and nervous system, the growth and function of the reproductive system, as well as metabolism and blood sugar levels.⁶²

109. The endocrine system is a tightly regulated system made up of glands that produce and release precise amounts of hormones that bind to receptors located on specific target cells throughout the body.⁶³

110. Hormones, such as estrogen, testosterone, progesterone, and androgen, are chemical signals that control or regulate critical biological processes.⁶⁴

111. When a hormone binds to a target cell’s receptor, the receptor carries out the hormone's instructions, the stimulus, and either switches on or switches off specific biological processes in cells, tissues, and organs.⁶⁵

112. The precise functioning of the endocrine system is vital to maintaining hormonal homeostasis, the body’s natural hormonal production and degradation. A slight variation in

Products, Food and Drinking-Water. Vol 101. Lyon, France: IARC Monographs on the Evaluation of Carcinogenic Risks to Humans; 2013.

⁶¹ *Endocrine System: The Endocrine System Includes The Thyroid, Adrenals, and the Pituitary Gland*, Science Direct, <https://www.sciencedirect.com/topics/psychology/endocrine-system>

⁶² *Endocrine Disruption*, United States Environmental Protection Agency, Mar. 7, 2022, <https://www.epa.gov/endocrine-disruption/what-endocrine-system>

⁶³ *Id.*

⁶⁴ *Id.*

⁶⁵ *Id.*

hormone levels can lead to significant adverse-health effects, including reproductive impairment and infertility, cancer, cognitive deficits, immune disorders, and metabolic syndrome.⁶⁶

113. Endocrine disrupting chemicals are chemicals, or chemical mixtures, that interfere with the normal activity of the endocrine system.

114. EDCs can act directly on hormone receptors as mimics or antagonists, or on proteins that control hormone delivery.⁶⁷

115. EDCs disrupt the endocrine system and interfere with the body's hormonal homeostasis in various ways.

116. EDCs can cause the body to operate as if there were a proliferation of a hormone, and thus over-respond to the stimulus or respond when it was not supposed to do so by mimicking a natural hormone.

117. EDCs can increase or decrease the levels of the body's hormones by affecting the production, degradation, and storage of hormones.

118. EDCs can block the hormone's stimulus through inducing epigenetic changes, modifications to DNA that regulate whether genes are turned on or off or altering the structure of target cells' receptors.⁶⁸

119. EDCs are known to cause to numerous adverse human health outcomes including endometriosis, impaired sperm quality, abnormalities in reproductive organs, various cancers,

⁶⁶*Id.*; Michele La Merrill, et al., *Consensus on the Key Characteristics of Endocrine-Disrupting Chemicals as a Basis for Hazard Identification*, Nature Reviews Endocrinol, Nov. 12, 2019, <https://www.nature.com/articles/s41574-019-0273-8>

⁶⁷ Evanthia Diamanti-Kandarakis, et al., *Endocrine-Disrupting Chemicals: An Endocrine Society Scientific Statement*, Endocrine Reviews, June 30, 2009, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2726844/>

⁶⁸ Luis Daniel Martínez-Razo, et al., *The impact of Di-(2-ethylhexyl) Phthalate and Mono(2-ethylhexyl) Phthalate in placental development, function, and pathophysiology*, Environment International, January 2021, <https://www.sciencedirect.com/science/article/pii/S0160412020321838?via%3Dihub>

altered nervous system and immune function, respiratory problems, metabolic issues, diabetes, obesity, cardiovascular problems, growth, neurological and learning disabilities.⁶⁹ Specifically, EDCs have the potential to cause formation of several hormone-dependent cancers, including breast and ovarian cancers.⁷⁰

120. EDCs that mimic the effects of estrogen in the body may contribute to disease risk because exposure to estrogen, endogenously and exogenously, is associated with breast cancer, and a woman's lifetime risk of developing the disease increases with greater duration and cumulative exposure.

121. Natural and synthetic EDCs are present in hair products under the guise of “fragrance” and “perfumes”, and thus enter the body when these products are exogenously applied to the hair and scalp. Studies exploring this issue have thus far classified estrogens, phthalates, and parabens as EDCs.

122. Black women of reproductive age tend to have higher biomarkers of exposure to EDCs. One study stated: “EDCs are an understudied potential contributor to racial disparities in women's health outcomes despite higher chemical exposures among Black women resulting from historical and contemporary structural oppression.”⁷¹

⁶⁹Endocrine Disrupting Chemicals (EDCs), Endocrine Society, Jan. 24, 2022, <https://www.endocrine.org/patient-engagement/endocrine-library/edcs#:~:text=EDCs%20can%20disrupt%20many%20different,%2C%20certain%20cancers%2C%20respiratory%20problems%2C>

⁷⁰ Lee H. M., et al. *Diverse pathways of epithelial mesenchymal transition related with cancer progression and metastasis and potential effects of endocrine disrupting chemicals on epithelial mesenchymal transition process.* Mol Cell Endocrinol 2017;457:103-113, doi:10.1016/j.mce.2016.12.026.

⁷¹ Wesselink A.K., et al. Urinary concentrations of phenols, parabens, and triclocarban in relation to uterine leiomyomata incidence and growth. Fertility and Sterility 2021;116(6):1590-1600. <https://doi.org/10.1016/j.fertnstert.2021.07.003>.

123. Indeed, numerous studies spanning more than two decades have demonstrated the adverse impact EDCs, including Di-2-ethylhexylphthalate, have on the male and female reproductive systems such as inducing endometriosis, abnormal reproductive tract formation, decreased sperm counts and viability, pregnancy loss, and abnormal puberty onset.⁷²

a. Phthalates

124. Phthalates are used in a variety of cosmetics and personal care products. Phthalates are chemical compounds developed in the last century that are used to make plastics more durable. These colorless, odorless, oily liquids are also referred to as “plasticizers” based on their most common uses.

125. Phthalates are chemicals used to improve the stability and retention of fragrances and to help topical products stick to and penetrate skin and hair.⁷³

126. Phthalates also function as solvents and stabilizers in perfumes and other fragrance preparations.

127. At all relevant times herein, phthalates were used in Defendants’ Products.

128. Phthalates are known EDCs, which interfere with natural hormone production and degradation and are detrimental to human health.⁷⁴

129. Phthalates are commonly used by cosmetics and hair care product manufacturers to make fragrances and colors last longer, and to make hair more flexible after product is applied, among other uses.

⁷² Hee-Su Kim, et al., *Hershberger Assays for Di-2-ethylhexyl Phthalate and Its Substitute Candidates*, Dev Reproduction, Mar. 22, 2018, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5915764/>.

⁷³ Olivia Koski & Sheila Hu, *Fighting Phthalates*, National Resources Defense Council, April 20, 2022, <https://www.nrdc.org/stories/fighting-phthalates>

⁷⁴ Yufei Wang & Haifeng Qian, *Phthalates and Their Impacts on Human Health*, Healthcare (Basel) 9, 603, May 9, 2021, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8157593/>

130. Phthalates can be found in most products that have contact with plastics during producing, packaging, or delivering. Despite the short half-lives in tissues, chronic exposure to phthalates will adversely influence the endocrine system and functioning of multiple organs, which has negative long-term impacts on the success of pregnancy, child growth and development, and reproductive systems in both young children and adolescents. Several countries have established restrictions and regulations on some types of phthalates.⁷⁵

131. Phthalates are a series of chemical substances, which are mainly used as plasticizers added to polyvinyl chloride (“PVC”) plastics for softening effects. Phthalates can potentially disrupt the endocrine system.⁷⁶

132. Defendants’ Products contain phthalates, including Di-2-ethylhexylphthalate.

133. Under the authority of the Fair Packaging and Labeling Act (“FPLA”), the FDA requires an ingredient declaration on cosmetic products sold at the retail level to consumers.

134. However, the regulations do not require the listing of the individual fragrance or flavor, or their specific ingredients; phthalates evade listing when combined with a fragrance. As a result, consumers, including Plaintiff, have not been able to determine from the ingredient declaration on the label if phthalates were present in a fragrance used in the herein referenced hair products that Defendants placed into the stream of commerce.

135. Since 1999, the Centers for Disease Control (“CDC”) have found phthalates in individuals studied for chemical exposure.⁷⁷

b. Di-2-ethylhexylphthalate

⁷⁵ *Id.*

⁷⁶ *Id.*

⁷⁷ *Biomarker Groups*, National Report on Human Exposure to Environmental Chemicals, Center for Disease Control, https://www.cdc.gov/exposurereport/pdf/Biomarker_Groups_Infographic-508.pdf

136. Di-2-ethylhexylphthalate⁷⁸ (“DEHP”) is a highly toxic manufactured chemical⁷⁹ that is not found naturally in the environment.⁸⁰

137. DEHP belongs to the family of chemicals called phthalates.⁸¹

138. DEHP was first used in 1949 in United States and has been the most abundantly used phthalate derivative in the twentieth century.⁸²

139. DEHP does not covalently bind to its parent material. Non-covalent bonds are weak and, as a result, DEHP readily leaches into the environment increasing human exposure.⁸³

140. Humans are exposed to DEHP through ingestion, inhalation, and dermal exposure for their lifetimes, including intrauterine life.⁸⁴

141. The Agency for Toxic Substances and Disease Registry (“ATSDR”) estimates that the range of daily human exposure to DEHP is 3–30 µg/kg/day.⁸⁵

⁷⁸ Also known as Bis(2-ethylhexyl) phthalate.

⁷⁹Sai Rowdhwal & Jiaxiang Chen, *Toxic Effects of Di-2-ethylhexyl Phthalate: An Overview*, Biomed Research International, Feb. 22, 2018, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5842715/#:~:text=DEHP%20is%20noncovalently%20bound%20to,and%20plastic%20waste%20disposal%20sites>.

⁸⁰ *Toxicological Profile for Di(2-Ethylhexyl) Phthalate (DEHP)*, U.S. Dept of Health and Human Services, January 2022, <https://www.atsdr.cdc.gov/ToxProfiles/tp9.pdf> (DEHP is listed as hazardous pollutants under the Clean Air Act.; DEHP is on the Proposition 65 list because it can cause cancer and birth defects or other reproductive harm).

⁸¹ *Di(2-ethylhexyl) phthalate (DEHP)*, Proposition 65, California. Gov, <https://www.p65warnings.ca.gov/fact-sheets/di2-ethylhexylphthalate-dehp>

⁸² Pinar Erkekoglu & Belma Kocer-Gumusel, *Environmental Effects of Endocrine-Disrupting Chemicals: A Special Focus on Phthalates and Bisphenol A*, Environmental Health Risk, June 16, 2016, <https://www.intechopen.com/chapters/50234>

⁸³ Katelyn H. Wong & Timur Durrani, *Exposures to Endocrine Disrupting Chemicals in Consumer Products – A Guide for Pediatricians*, Current Problems in Pediatric and Adolescent Health Care, Science Direct, May 2017, <https://www.sciencedirect.com/science/article/pii/S1538544217300822?via%3Dihub>

⁸⁴ Schmidt, Julianne-Susanne, et al., *Effects of Di(2-ethylhexyl) Phthalate (DEHP) on Female Fertility and Adipogenesis in C3H/N Mice*, Environmental Health Perspective, May 15, 2012, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3440070/>

⁸⁵ Hannon, Patrick et. al., *Daily Exposure to Di(2-ethylhexyl) Phthalate Alters Estrous Cyclicity and Accelerates Primordial Follicle Recruitment Potentially Via Dysregulation of the Phosphatidylinositol 3-*

142. The no-observed-adverse-effect level for DEHP to humans is 4.8 mg/kg bodyweight/day, and the tolerate daily intake (TDI) is 48 µg/kg bodyweight.⁸⁶

Endpoint	Cancer (NSRL)		Developmental and Reproductive Toxicity (MADL)	
	Oral	Inhalation	Oral	Inhalation
DEHP	310 µg/day	N.C.	410 µg/day	N.C.

Source: OEHHA's safe harbor levels for TDCIPP, DBP, DEHP, benzene, and formaldehyde. N.C. = not calculated by OEHHA as of August 2020.⁸⁷

143. When DEHP enters in the human body, it breaks down into specific metabolites. The toxicity of DEHP is mainly attributed to its unique metabolites, which include the primary metabolite, mono-(2-ethylhexyl)phthalate (MEHP), and secondary metabolites, mono-(2-ethyl-5-hydroxyhexyl)phthalate (MEHHP), and mono-(2-ethyl-5-oxohexyl)phthalate (MEOHP).⁸⁸

144. DEHP and its metabolites are known to cause significant adverse-health effects including, but not limited to: endometriosis, developmental abnormalities, reproductive

Kinase Signaling Pathway in Adult Mice, Biology of Reproduction Volume 90, Issue 6, June 2014, 136, 1–11 <https://academic.oup.com/biolreprod/article/90/6/136,%201-11/2514356>

⁸⁶ Yufei Wang & Haifeng Qian, *Phthalates and Their Impacts on Human Health*, Healthcare (Basel) 9(5):603, May 18, 2021, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8157593/>

⁸⁷ Aalekhya Reddam & David Volz, *Inhalation of two Prop 65-listed Chemicals Within Vehicles May Be Associated with Increased Cancer Risk*, Environment International Volume 149, April 2021, <https://www.sciencedirect.com/science/article/pii/S016041202100026X>

⁸⁸ Saab, Yolande, et. al., *Risk Assessment of Phthalates and Their Metabolites in Hospitalized Patients: A Focus on Di- and Mono-(2-ethylhexyl) Phthalates Exposure from Intravenous Plastic Bags*. Toxics, 10(7), 357, <https://pubmed.ncbi.nlm.nih.gov/35878262/>; Ishtaf Sheikh, et. at., *Endocrine disruption: In silico perspectives of interactions of di-(2-ethylhexyl)phthalate and its five major metabolites with progesterone receptor*. BMC Structural Biology Volume 16, Suppl 1, 16, Sept. 30, 2016, <https://bmcstructbiol.biomedcentral.com/articles/10.1186/s12900-016-0066-4> (Other secondary metabolites include mono(2-ethyl-5-carboxypentyl)phthalate (5-cx-MEPP) and mono[2-(carboxymethyl)hexyl]phthalate (2-cx-MMHP)).

dysfunction and infertility,⁸⁹ various cancers, and metabolic syndrome within the human population and their future children.⁹⁰

145. Most of the available studies on the health effects of DEHP in laboratory animals used oral administration, with a few inhalation studies and only two dermal exposure studies identified.⁹¹

146. The results of the selected animal studies, along with limited human data, suggest potential associations between DEHP exposure and the following health outcomes:

- a) **Reproductive effects.** Epidemiological studies suggest a potential association between DEHP exposure and decreased serum testosterone and altered sperm parameters in males. Available studies on fertility effects in humans do not indicate an association between DEHP exposure and infertility. In animals, the available oral and inhalation studies provide evidence that the male reproductive system, particularly the testes, is susceptible to DEHP toxicity. Evidence from animal studies indicates decreased male and female fertility at high oral doses.
- b) **Developmental effects.** Epidemiological studies suggest a potential association between reduced anogenital distance and testicular descent in male infants and prenatal DEHP exposure. In addition, human epidemiological studies provide mixed results for potential relationships between exposure to DEHP and preterm birth, early puberty, and delayed mental and psychomotor development in children. Studies in animals indicate that altered glucose homeostasis and the development of the reproductive system following early life exposure is a particularly sensitive target of DEHP toxicity.

147. The global consumption of DEHP was estimated at 3.07 million tons, while global demand for plasticizers continues to rise. The estimated global market of phthalates in 2020 was expected to reach 10 billion USD and was predicted to still be widely used in plasticizers.⁹²

⁸⁹ Richardson, Kadeem et. al., *Di(2-ethylhexyl) Phthalate (DEHP) Alters Proliferation and Uterine Gland Numbers in the Uterine of Adult Exposed Mice*, *Reproductive Toxicology*, 77, 70-79, <https://pubmed.ncbi.nlm.nih.gov/29458081/>

⁹⁰ Yufei Wang & Haifeng Qian, *Phthalates and Their Impacts on Human Health*, *Healthcare (Basel)* 9, 603, May 9, 2021, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8157593/>

⁹¹ *Chapter 2: Health Effects*, Toxicological profile for Di(2-ethylhexyl) phthalate (DEHP) (2001), <https://www.atsdr.cdc.gov/ToxProfiles/tp9-c2.pdf>

⁹² *Id.*

148. Human epidemiological studies have shown a significant association between phthalates exposures and adverse reproductive outcomes in both women and men.⁹³

149. Evidence found that DEHP was significantly related to insulin resistance, higher systolic blood pressure, and reproductive system problems, including earlier menopause, low birth weight, pregnancy loss, and preterm birth.⁹⁴

150. Regarding impacts on children, epidemiological studies about phthalates toxicity focused on pregnancy outcomes, genital development, semen quality, precocious puberty, thyroid function, respiratory symptoms, and neurodevelopment.⁹⁵

151. Since the turn of the century, restrictions on phthalates have been proposed in many Asian and western countries. In 2008, the United States Congress passed the Consumer Protection Safety Act (CPSA), which permanently banned children's toys and childcare articles containing DEHP, DBP, and BBP at levels >0.1% by weight.⁹⁶

D. Injuries Associated with Exposure to Chemical Hair Straighteners/Relaxers and/or Endocrine Disrupting Chemicals

a. Uterine Cancer

152. Uterine cancer is associated with phthalate metabolites found in hair care products.

153. Uterine cancer⁹⁷ is among the more common (the fourth most common) cancers

⁹³ *Id.*

⁹⁴ N.M. Grindler, et al., *Exposure to Phthalate, an Endocrine Disrupting Chemical, Alters the First Trimester Placental Methylome and Transcriptome in Women*, Scientific Reports Volume 8, April 17, 2018, <https://doi.org/10.1038/s41598-018-24505-w>

⁹⁵ *Id.*

⁹⁶ Consumer Product Safety Improvement Act of 2008, H.R. 4040, 110th Cong. (2008), <https://www.congress.gov/110/plaws/publ314/PLAW-110publ314.pdf>

⁹⁷ Otherwise known as endometrial carcinoma.

in women in developed countries,⁹⁸ accounting for about 3% of all new cancer cases.⁹⁹

154. Every year around more than 65,000 females develop uterine cancer in the US alone, out of which more than 90% is of endometrial origin. It is commonly diagnosed in the seventh decade, with the mean age being 63 years.¹⁰⁰

155. The incidence in Black women is twice that of White women.¹⁰¹ In addition, Black women with uterine cancer carry a poorer prognosis as compared to White women.¹⁰²

156. Though death rates from other cancers in women have declined in recent years, death rates for uterine cancer have increased by more than 100% in the last 20 years.¹⁰³

157. Indeed, new cases of uterine cancer have increased by 0.6 percent per year from 2010 to 2019, and death rates have risen an average of 1.7 percent per year during the same time frame.¹⁰⁴

158. A groundbreaking study recently found that women who use chemical hair straightening, or relaxing products have a higher risk contracting of uterine cancer.¹⁰⁵

⁹⁸ Unaiza Faizan & Vijayadershan Muppidi, *Uterine Cancer*, In: StatPearls, National Library of Medicine, Jan. 2022, <https://www.ncbi.nlm.nih.gov/books/NBK562313/>

⁹⁹ *Cancer Stat Facts: Uterine Cancer*, National Cancer Institute, <https://seer.cancer.gov/statfacts/html/corp.html>

¹⁰⁰ *Id.*

¹⁰¹ *Id.*

¹⁰² Joel Sorosky, *Endometrial Cancer*, *Obstetrics & Gynecology* Volume 120, 383-97, Aug. 2012, <https://pubmed.ncbi.nlm.nih.gov/22825101/>

¹⁰³ Linda Duska, et al., *Treatment of Older Women With Endometrial Cancer: Improving Outcomes With Personalized Care*, American Society Clinical Oncology Educational Book, 35:164-74, 2016, <https://pubmed.ncbi.nlm.nih.gov/27249697/>

¹⁰⁴ Jack J. Lee, *Rising Endometrial Cancer Rate Spur New Approaches to Prevention*, National Cancer Institute: Division of Cancer Prevention, June 28, 2022, <https://prevention.cancer.gov/news-and-events/blog/rising-endometrial-cancer>

¹⁰⁵ Che-Jung Chang, et al., *Use of Straighteners and Other Hair Products and Incident Uterine Cancer*, *Journal of the National Cancer Institute*, Oct. 17, 2022, <https://pubmed.ncbi.nlm.nih.gov/36245087/>

159. The study found that an estimated 1.64% of women who never used chemical hair straighteners or relaxers would go on to develop uterine cancer by the age of 70; but for frequent users, that risk more than doubles, increasing to 4.05%.¹⁰⁶

160. These risks are more substantial among Black women, who make up the overwhelming majority of hair straightening and hair relaxing products, including Defendants' products.

b. Ovarian Cancer

161. Ovarian cancer is rare, making up approximately 1% of new cancer cases, with almost an estimated 19,880 new cases predicted in 2022. An estimated 12,810 of those diagnoses will result in death.¹⁰⁷

162. Ovarian cancer ranks fifth in cancer deaths amongst women, resulting in more deaths than any other cancer of the female reproductive system.¹⁰⁸

163. Ovarian cancer is hypothesized to have a hormonally driven etiology, meaning that the insertion of hormonal disrupting compounds and the subsequent disruption of a woman's hormonal balance could lead to ovarian cancer.¹⁰⁹

164. While overall rates of ovarian cancer have declined in the U.S., which has been attributed to increased exposure to oral contraceptives, Black women have the poorest survival rate at every stage and across subtypes.¹¹⁰

¹⁰⁶ *Id.*

¹⁰⁷ *Cancer Stat Facts: Ovarian Cancer*, National Cancer Institute, <https://seer.cancer.gov/statfacts/html/ovary.html>

¹⁰⁸ *Key Statistics for Ovarian Cancer*, American Cancer Society, <https://www.cancer.org/cancer/ovarian-cancer/about/key-statistics.html#:~:text=Ovarian%20cancer%20ranks%20fifth%20in,is%20about%201%20in%20108>.

¹⁰⁹ White, Alexandra J., et al., *Use of Hair Products in Relation to Ovarian Cancer Risk*, *Carcinogenesis* Vol. 42, No. 9, 1189-1195, 1189 (2021).

¹¹⁰ Park H.K., et al. *Recent Trends in Ovarian Cancer Incidence and Relative Survival in the United States by*

165. Another recent publication from the researchers of the Sister Study found the risk of ovarian cancer approximately doubled with frequent use (defined as greater than four times per year) of chemical hair straighteners/relaxers in the previous year as opposed to never use (HR = 2.19).¹¹¹

166. While the study was not powered to detect differences based on race/ethnicity, among Black women the hazard ratios were elevated for every use of straighteners (HR = 1.28) or perms (HR = 1.80). Further, the researchers noted that “given the much higher prevalence of use of these products, the impact of these results is more relevant for African American/Black women.”¹¹²

167. Products that are used to straighten or relax hair texture have been found to contain an array of endocrine disrupting compounds including, but not limited to, phthalates, parabens, cyclosiloxanes, and metals, in addition to formaldehyde.¹¹³

168. Recent studies have supported an association between personal hair care products, including products that contain endocrine disrupting compounds, and ovarian cancer.¹¹⁴

169. Widely used chemical hair products, such as hair relaxers and straighteners, are a source of exposure to carcinogens and these endocrine disrupters alike.¹¹⁵

170. Chemical hair straighteners and relaxers are predominately used by Black and Brown women, who make up the overwhelming majority of consumers of these products: recent

Race/Ethnicity and Histologic Subtypes. Cancer Epidemiol. Biomarkers Prev. 2017;26(10):1511-1518. doi: 10.1158/1055-9965.EPI-17-0290.

¹¹¹ White A.J., et al. *Use of hair products in relation to ovarian cancer risk*. Carcinogenesis 2021;42(9):1189-1195.

¹¹² *Id.*

¹¹³ Park H.K., et al. *Recent Trends in Ovarian Cancer Incidence and Relative Survival in the United States by Race/Ethnicity and Histologic Subtypes*. Cancer Epidemiol. Biomarkers Prev. 2017;26(10):1511-1518. doi: 10.1158/1055-9965.EPI-17-0290.

¹¹⁴ *Id.*

¹¹⁵ *Id.*

scientific studies have observed a 15-20% higher risk of ovarian cancer associated with using permanent hair dye more than 100 times.¹¹⁶

171. Other studies have found a positive correlation between the use of straighteners and incidents of ovarian cancer. Self-reported frequent use of hair straighteners has been associated with a higher risk of ovarian cancer.¹¹⁷

172. The risk of ovarian cancer, posed by the use and distribution of these chemical hair relaxers and straighteners, is far more substantial to the overwhelming majority of consumers of these products, African American women.

c. Uterine Fibroids

173. Uterine fibroids are associated with phthalate metabolites found in hair care products.

174. Although typically benign, uterine fibroids can cause significant health issues such as excessive menstrual bleeding and pelvic pain, which can significantly affect a woman's quality of life, and may require invasive surgery.¹¹⁸ It has been estimated that uterine fibroids account for approximately 30% of all hysterectomies performed on women aged 18-44 years,¹¹⁹ and are the leading indication for hysterectomy in the U.S.¹²⁰

¹¹⁶ *Id.*

¹¹⁷ *Id.* at 1192

¹¹⁸ Wise, L.A. et al. *Epidemiology of Uterine Fibroids – From Menarche to Menopause*. Clin Obstet Gynecol. 2016;59(1):2-24.

¹¹⁹ *Id.*

¹²⁰ *Study of Environment, Lifestyle & Fibroids (SELF)*, National Institute of Environmental Health Sciences, <https://www.niehs.nih.gov/research/atniehs/labs/epi/studies/self/index.cfm>.

175. Black women have a higher prevalence of uterine fibroids and tumors than any other ethnicity/racial group.¹²¹

176. A 2017 Rutgers University study linked breast cancer and Black women's use of hair relaxers. A 2012 study in the American Journal of Epidemiology associated fibroid risk with the use of hair relaxers. Shirley McDonald of the Hair and Scalp Clinic says, "We now know that many hair products contain chemicals that are considered carcinogenic and/or hormone disrupters, leading to increased risk of medical issues such as fibroids (non-cancerous tumors that grow in the uterus, potentially damaging fertility and leading to a host of other complications). Trichologists see lots of conditions that are likely to be triggered by hair products, particularly central centrifugal cicatricial alopecia, a type of permanent hair loss to the crown area of the scalp.

162. More recently, the National Institutes of Health spent eight-years studying over 46,000 women of all races between the ages of 35–74. They were looking for links between chemical hair relaxers and breast cancer. They discovered African American women's breast cancer risk increased risk by 45%. Breast cancer and other reproductive issues, including, fibroid development, are often connected. So, this study suggests there are even more reasons to steer clear of black hair relaxers. There is a new study from the American Journal of Epidemiology further confirms this link. In their group of 23,000 menstruating Black American women, these participants displayed two to three times higher uterine fibroid incidences.

177. Concerns around racial disparities in healthcare linked to chemicals found in cosmetic products are not new; previous studies, as far back as 2012, have also suggested a

¹²¹ *Id.*

correlation between chemical relaxer use and uterine fibroids, a condition that disproportionately affects Black women.¹²²

178. Hair relaxers are used by millions of Black women, possibly exposing them to various chemicals through scalp lesions and burns. In the Black Women's Health Study, the authors assessed hair relaxer use in relation to uterine leiomyomata incidence. In 1997, participants reported on hair relaxer use (age at first use, frequency, duration, number of burns, and type of formulation). From 1997 to 2009, 23,580 premenopausal women were followed for incident uterine leiomyomata. The incidence of uterine leiomyomata is two to three times higher in Black women in the US than in White women in the US.

d. Endometriosis

179. Endometriosis is associated with phthalate metabolites found in hair care products.

180. In Black women in the US, endometriosis is one of the common indications for major gynecological surgery and hysterectomy and is associated with long hospital stays and high hospital charges.¹²³

181. Phthalate metabolites were related to increased uterine volume, a sign of fibroids on ultrasound, 2018.¹²⁴ The sum of DEHP increased volume risk by 33% and the sum of androgenic phthalates increased risk by 27%.¹²⁵

¹²²Nadine White, *Campaign urges beauty firms to pull 'toxic' hair products aimed at Black women*, Independent (August 3, 2021), <https://www.independent.co.uk/news/uk/home-news/black-hair-lye-no-more-lyes-b1893747.html>.

¹²³ M. C. Kyama, *The prevalence of endometriosis among African-American and African-indigenous women*. Gynecologic and obstetric investigation, Vol. 57(1) (2004), <https://pubmed.ncbi.nlm.nih.gov/14974452/>.

¹²⁴ Amir R. Zota et al., *Phthalates exposure and uterine fibroid burden among women undergoing surgical treatment for fibroids: a preliminary study*, Fertility and sterility, Vol. 111(1) (2019), <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6321778/>.

¹²⁵ *Id.*

182. The function of the uterine lining, the endometrium, is based on cell–cell interactions under the instruction of steroid hormones.¹²⁶ Endometriosis, a common cause of female infertility, occurs almost exclusively in menstruating women of reproductive age and often results from disruptions of this well-balanced cellular equilibrium.¹²⁷

183. It is estimated that 20% to 50% of women being treated for infertility have endometriosis.¹²⁸

184. Endometriosis is a painful, estrogen dependent disease resulting from the growth of endometrial glands and stroma outside the uterus that causes a chronic inflammatory reaction.¹²⁹

185. During the follicular phase of the menstrual cycle, estrogen, working through estrogen receptor α ¹³⁰, induces growth of the endometrium.¹³¹

¹²⁶ L. Cobellis et al., *High plasma concentrations of di-(2-ethylhexyl)-phthalate in women with endometriosis*, Human Reproduction, Vol. 18, Issue 7 (2003), 1512–1515, <https://doi.org/10.1093/humrep/deg254>.

¹²⁷ D. L. Olive and L. B. Schwartz, *Endometriosis*, The New England J. of Med., Vol. 328(24):1759-69 (1993), <https://pubmed.ncbi.nlm.nih.gov/8110213/>; K. G. Osteen and E. Sierra-Rivera, *Does disruption of immune and endocrine systems by environmental toxins contribute to development of endometriosis?*, Seminars in Reproductive Endocrinology, Vol. 15(3):301-8 (1997) <https://pubmed.ncbi.nlm.nih.gov/9383839/>.

¹²⁸ *Endometriosis*, World Health Organization (March 31, 2021), <https://www.who.int/news-room/fact-sheets/detail/endometriosis>.

¹²⁹ *Id.*

¹³⁰ Ilaria Paterni et al., *Estrogen receptors alpha (ER α) and beta (ER β): subtype-selective ligands and clinical potential*, Steroids, Vol. 90:13-29 (2014), <https://pubmed.ncbi.nlm.nih.gov/24971815/>.

¹³¹ Kun Yu et al., *Estrogen Receptor Function: Impact on the Human Endometrium*, Frontiers in endocrinology, Vol. 13 (2022), <https://pubmed.ncbi.nlm.nih.gov/35295981/>.

186. The developing fetus and the female reproductive tract are particularly susceptible to EDCs.¹³² EDCs are known to interfere with hormonal homeostasis, leading to alteration of estrogen signaling.¹³³ Specifically, DEHP is known to cause enhanced-estrogenic activity.¹³⁴

187. DEHP is a known estrogen receptor agonist that promotes cell proliferation.¹³⁵ An agonist is a chemical that activates a receptor to produce a biological response.

188. Numerous studies, spanning over decades, establish that DEHP leads to the development of endometriosis, as it is known to increase the viability, activity, proliferation, migration of endometrial stromal cells, a required precondition of endometriosis.¹³⁶

189. Studies have shown that endometriotic women have significantly higher plasma DEHP concentrations than those without the disease.¹³⁷ A study that included a sample size of

¹³² Saniya Rattan et al., *Di(2-Ethylhexyl) Phthalate Exposure During Prenatal Development Causes Adverse Transgenerational Effects on Female Fertility in Mice*, *Toxicol Sci.*, Vol. 163(2) (2018), <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5974785/>.

¹³³ Xueping Chen et al., *Toxicity and Estrogenic Endocrine Disrupting Activity of Phthalates and Their Mixtures*, *Int'l J. Env'tl. Res. and Pub. Health*, 1(3):3156-3168 (2014) <https://doi.org/10.3390/ijerph110303156>; Pablo A, Pérez et al., *The phthalate DEHP modulates the estrogen receptors α and β increasing lactotroph cell population in female pituitary glands*, *Chemosphere*, Vol. 258:127304 (2020), <https://pubmed.ncbi.nlm.nih.gov/32559490/>.

¹³⁴ Chon-Kit Chou et al., *Reduced camptothecin sensitivity of estrogen receptor-positive human breast cancer cells following exposure to di(2-ethylhexyl)phthalate (DEHP) is associated with DNA methylation changes*, *Env'tl. Toxicology*, Vol. 3, Issue 4 (2019), <https://doi.org/10.1002/tox.22694>.

¹³⁵ Juhye Kim, et al., *Chronic Low-Dose Nonylphenol or Di-(2-ethylhexyl) Phthalate has a Different Estrogen-like Response in Mouse Uterus*, *Development & reproduction*, Vol. 22(4):379-391 (2018), <https://pubmed.ncbi.nlm.nih.gov/30680337/>. (“In the present study, we could see that in vitro treatment with DEHP caused various biological changes of endometrial cells such as increased MMP-2 and -9 activities, increased cell invasion, increased Erk phosphorylation, and increased Pak4 expression. Taken these findings together with our previous in vitro study, we can propose that refluxed endometrial cells could not only survive in the pelvic cavity following retrograde menstruation, but also invade through mesothelial layer, develop vascular supplies, proliferate at ectopic location, and eventually establish endometriotic lesions through various biological alterations caused by exposure to high level of phthalate.”)

¹³⁶ *Id.*

¹³⁷ L. Cobellis et. al, *High plasma concentrations of di-(2-ethylhexyl)-phthalate in women with endometriosis*, *Human Reproduction*, Vol. 18, Issue 7 (July 1, 2013), 1512–1515, <https://doi.org/10.1093/humrep/deg254>. Concluded that 92.6% of women with endometriosis tested had

approximately 500 women living in various states observed that DEHP's metabolite, MEHP, a was the only phthalate consistently associated with endometriosis.¹³⁸

E. Anita Spencer's Use of Hair Relaxing Products

190. Plaintiff Anita Spencer was first exposed to EDCs and/or phthalate-based products beginning during her childhood, when she began using Defendants' Products.

191. Plaintiff Anita Spencer used Defendants' Products by applying this to her scalp exactly as instructed by Defendants.

192. Upon information and belief, Plaintiff Anita Spencer continued using Defendants' Products for at least ten years.

193. Plaintiff Anita Spencer kept the Product on her hair for the time allotted in the instructions.

194. There was never any indication, on the Products packaging or otherwise, that this normal use could and would cause her to develop ovarian cancer.

195. Plaintiff Anita Spencer was diagnosed with ovarian cancer in or about 2012, at the age of 29.

196. Plaintiff Anita Spencer underwent a hysterectomy at Cleveland Clinic Main Campus in Cleveland, Ohio in 2018.

197. As a result of Defendants' acts and/or omissions Plaintiff Anita Spencer has suffered extreme pain and suffering, and extreme emotional distress.

FIRST CAUSE OF ACTION NEGLIGENCE NEGLIGENCE AND/OR GROSS NEGLIGENCE

detectable levels of DEHP and /or its metabolite, MEHP.

¹³⁸ Buck Louis G. M. et al., *Bisphenol A and phthalates and endometriosis: the Endometriosis: Natural History, Diagnosis and Outcomes Study*, Fertility and sterility, Vol. 100(1):162-9.e1-2 (2013), <https://pubmed.ncbi.nlm.nih.gov/23579005/>.

198. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

199. The Defendants' negligence and extreme carelessness includes, but is not limited to, their marketing, designing, manufacturing, producing, supplying, inspecting, testing, selling and/or distributing the Products in one or more of the following respects:

- a. In failing to warn Plaintiff of the hazards associated with the use of the Products;
- b. In failing to properly test their products to determine adequacy and effectiveness or safety measures, if any, prior to releasing the Products for consumer use;
- c. In failing to properly test their products to determine the increased risk of ovarian cancer during the normal and/or intended use of the Products;
- d. In failing to inform ultimate users, such as Plaintiff as to the safe and proper methods of handling and using the Products;
- e. In failing to remove the Products from the market when Defendants knew or should have known the Products were defective;
- f. In failing to instruct the ultimate users, such as Plaintiff, as to the methods for reducing the type of exposure to the Products which caused increased risk of cancer, including, but not limited to, ovarian cancer;
- g. In failing to inform the public in general and Plaintiff in particular of the known dangers of using the Products;
- h. In failing to advise users how to prevent or reduce exposure that caused increased risk for cancer, including, but not limited to, ovarian cancer;

i. In marketing and labeling the Products as safe for all uses despite knowledge to the contrary;

j. In failing to act like a reasonably prudent company under similar circumstances. Each and all of these acts and omissions, taken singularly or in combination, were a proximate cause of the injuries and damages sustained by Plaintiff.

200. At all pertinent times, the Defendants knew or should have known that the Products were unreasonably dangerous and defective when put to their reasonably anticipated use.

201. Defendants' acts and/or omissions constitute gross negligence because they constitute a total lack of care and an extreme departure from what a reasonably careful company would do in the same situation to prevent foreseeable harm to Plaintiff.

202. Defendants acted and/or failed to act willfully, and with conscious and reckless disregard for the rights and interests of Plaintiff, and their acts and omissions had a great probability of causing significant harm and in fact resulted in such harm to Plaintiff.

203. Plaintiff was injured as a direct and proximate result of negligence and/or gross negligence as described herein.

204. Defendants' negligence and/or gross negligence were a substantial factor in causing and/or contributing to Plaintiff's harms.

205. Plaintiff sustained the following damages as a foreseeable, direct, and proximate result of Defendants' acts and/or omissions:

a. Economic losses including medical care and lost earnings; and

- b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, and loss of enjoyment and impairment of quality of life, past and future.

**SECOND CAUSE OF ACTION
STRICT LIABILITY-FAILURE TO WARN**

206. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

207. At all pertinent times, the Defendants were manufacturing, marketing, testing, promoting, selling and/or distributing the Products in the regular course of business.

208. At all pertinent times, Plaintiff used the Products on her scalp area, which is a reasonably foreseeable use.

209. At all pertinent times, Defendants in this action knew or should have known that the use phthalates and other EDC's in hair products significantly increases the risk of cancer, including, but not limited to, ovarian cancer, based upon scientific knowledge dating back for decades.

210. At all pertinent times, including the time of sale and consumption, the Products, when put to the aforementioned reasonably foreseeable use, were in an unreasonably dangerous and defective condition because they failed to contain adequate and proper warnings and/or instructions regarding the increased risk of cancer, including, but not limited to, ovarian cancer, associated with the use of the Defendant's hair products. Defendants themselves failed to properly and adequately warn and instruct Plaintiff as to the risks and benefits of the Products given her need for this information.

211. Had Plaintiff received a warning that the use of the Products would significantly increase her risk of developing ovarian cancer, she would not have used them. As a proximate result of Defendants' design, manufacture, marketing, sale, and distribution of the Products, Plaintiff was injured catastrophically, and was caused severe pain, suffering, infertility, disability, impairment, loss of enjoyment of life, loss of care, comfort, and economic damages.

212. The development of ovarian cancer by Plaintiff was the direct and proximate result of the unreasonably dangerous and defective condition of the Products at the time of sale and consumption, including their lack of warnings; Plaintiff suffered injuries and damages including, but not limited to, physical and mental pain and suffering, infertility, and medical expenses.

213. Defendants' Products were defective because they failed to contain warnings and/or instructions and breached express warranties and/or failed to conform to express factual representations upon which Plaintiff justifiably relied in electing to use the Products. The defect or defects made the Products unreasonably dangerous to persons, such as Plaintiff, who could reasonably be expected to use and rely upon such products. As a result, the defect or defects were a producing cause of Plaintiff's injuries and damages.

214. Defendants' Products failed to contain, and continue to this day not to contain, adequate warnings and/or instructions regarding the increased risk of cancer with the use of their products by women. Defendants continue to market, advertise, and expressly represent to the general public that it is safe for women to use their product. These Defendants continue with these marketing and advertising campaigns despite having scientific knowledge that dates back to 2015 that their products increased the risk of cancer in women.

215. Plaintiff sustained the following damages as a foreseeable, direct, and proximate result of Defendants' acts and/or omissions:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

**THIRD CAUSE OF ACTION
STRICT LIABILITY - DESIGN AND/OR MANUFACTURING DEFECT**

216. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

217. Defendants engaged in the design, development, manufacture, marketing, sale, and distribution of the Products in a defective and unreasonably dangerous condition to consumers, including Plaintiff.

218. Defendants caused the Products to enter the stream of commerce and to be sold through various retailers, where Plaintiff purchased the Products.

219. The Products were expected to, and did, reach consumers, including Plaintiff, without change in the condition in which it was manufactured and sold by Defendants and/or otherwise released into the stream of commerce.

220. Plaintiff used the Products in a manner normally intended, recommended, promoted, and marketed by Defendants.

221. The Products failed to perform safely when used by Plaintiff in a reasonably foreseeable manner, specifically increasing her of developing ovarian cancer.

222. The propensity of phthalates and other endocrine receptive chemicals to trigger cancerous growths in women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, ovarian cancer, renders the Products

unreasonably dangerous when used in the manner it was intended and to an extent beyond that would be contemplated by the ordinary consumer.

223. Importantly, the Products are an inessential cosmetic product that do not treat or cure any serious disease. Further, safer alternatives, including fragrance free products, have been readily available for decades.

224. Defendants have known, or should have known, that the Products are unreasonably dangerous but have continued to design, manufacture, sell, distribute, market, promote, and supply the Products so as to maximize sales and profits at the expense of public health and safety in conscious disregard of the foreseeable harm to the consuming public, including Plaintiff.

225. As a direct and proximate result of Defendants' conduct, including actions, omissions, and misrepresentations, Plaintiff sustained the following damages:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

**FOURTH CAUSE OF ACTION
STRICT LIABILITY - DESIGN AND/OR MANUFACTURING DEFECT**

226. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

227. At all relevant times. Defendants engaged in the design, development, manufacture, marketing, sale, and distribution of the Products in a defective and unreasonably dangerous condition to consumers, including Plaintiff.

228. Defendants caused the Products to enter the stream of commerce and to be sold through various retailers, where Plaintiff purchased the Products.

229. The Products were expected to, and did, reach consumers, including Plaintiff, without change in the condition in which it was manufactured and sold by Defendants and/or otherwise released into the stream of commerce.

230. Plaintiff used the Products in a manner normally intended, recommended, promoted, and marketed by Defendants.

231. Products failed to perform safely when used by Plaintiff in a reasonably foreseeable manner, specifically increasing her of developing ovarian cancer.

232. The propensity of phthalates and other endocrine receptive chemicals to trigger cancerous growths in women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, ovarian cancer, renders the Products unreasonably dangerous when used in the manner it was intended and to an extent beyond that would be contemplated by the ordinary consumer.

233. Importantly, the Products are an inessential cosmetic product that do not treat or cure any serious disease. Further, safer alternatives, including fragrance free products, have been readily available for decades.

234. Defendants knew, or by the exercise of reasonable care should have known, that the Products are unreasonably dangerous but have continued to design, manufacture, sell, distribute, market, promote, and supply the Products so as to maximize sales and profits at the expense of public health and safety in conscious disregard of the foreseeable harm to the consuming public, including Plaintiff.

235. Defendants owed a duty to all reasonably foreseeable users to design a safe product.

236. Defendants breached their duty by failing to use reasonable care in the design and/or manufacturing of their Products because the Products were unreasonably dangerous in that they increase the risks of cancerous growths in women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, ovarian cancer, renders the Products unreasonably dangerous when used in the manner it was intended and to an extent beyond that would be contemplated by the ordinary consumer.

237. Defendants also breached their duty by failing to use reasonable care by failing to use cost-effective, reasonably feasible alternative designs in the design and/or manufacturing of their Products.

238. A reasonable company under the same or similar circumstances would have designed a safer product.

239. As a direct and proximate result of Defendants' conduct, including actions, omissions, and misrepresentations, Plaintiff sustained the following damages:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

**FIFTH CAUSE OF ACTION
STRICT PRODUCTS LIABILITY—DEFECTIVE MANUFACTURING-- PURSUANT
TO OHIO REVISED CODE SECTION 2307.74**

240. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect

as if more fully set forth herein.

241. Plaintiff is a “claimant” as defined at Ohio Rev. Code §§ 2307.71(A)(1)(a) in that she is making a “product liability claim,” as defined by Ohio Rev. Code §§ 2307.72(A)(13) for damages caused by her use of Products, manufactured, designed, sold, distributed, supplied and/or placed this product in the stream of commerce by Defendants who are “manufacturers” as defined by Ohio Rev. Code §§ 2307.71(A)(9) and/or “suppliers” as defined by Ohio Rev. Code §§ 2307.71(A)(15).

242. The Products manufactured, designed, sold, distributed, supplied and/or placed in the stream of commerce by Defendants, was defective in its manufacture and construction when it left the hands of Defendants in that it deviated from product specifications, posing a serious risk of injury, regardless of whether Defendants exercised all possible care in its manufacture or construction.

243. The foregoing acts and/or omissions of Defendants were in violation of Ohio Rev. Code §2307.74 since the Products manufactured by Defendants was defective in manufacture or construction.

244. As a direct and proximate result of Plaintiff’s use of Products as manufactured, designed, sold, supplied and introduced into the stream of commerce by Defendants, Plaintiff suffered harm, damages and economic loss and will continue to suffer such harm, as set forth in the Ohio Revised Code, including but not limited to Ohio Rev. Code § 2307.73(A).

245. As a direct and proximate result of the foregoing, Plaintiff is entitled to damages pursuant to the Ohio Rev. Code §§ 2307.71-.80, including but not necessarily limited to Ohio Rev. Code §§ 2307.72(A). Further, Defendants’ actions and omissions as identified in this Complaint constitute a flagrant disregard for human life, so as to warrant the imposition of

punitive damages under the common law and/or Ohio Rev. Code §§ 2307.71-.80, as set forth at Ohio Rev. Code §§ 2307.72(B).

**SIXTH CAUSE OF ACTION
STRICT PRODUCTS LIABILITY DESIGN DEFECT PURSUANT TO OHIO REVISED
CODE SECTION 2307.75**

246. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

247. Defendants are the manufacturers, designers, distributors, sellers, and/or suppliers of the Products.

248. The Products manufactured and supplied by Defendants were defective in design or formulation in that, when it left the hands of the Defendants, the foreseeable risks of the product, as defined by Ohio Rev. Code §§ 2307.75(B) exceeded the benefits associated with its design or formulation, as defined by Ohio Rev. Code §§ 2307.75(C), or it was more dangerous than an ordinary consumer would expect.

249. As set forth in this Complaint, the foreseeable risks of Products, as defined at Ohio Rev. Code §§ 2307.75(B)(1) – (5), include but are not limited to the following:

- a. the unreasonable risk of the product causing uterine or ovarian cancer, uterine fibroids, endometriosis, among other unreasonable risks, as defined at Ohio Rev. Code §§ 2307.75(B)(1);
- b. the unlikely awareness to the users Products of this risk due to its inadequate warnings and Defendants' inappropriate and misleading promotion of the benefits of Products;
- c. the high likelihood that the faulty design or formulation would cause harm to its users in light of the intended and reasonably foreseeable uses as a means of straightening hair, as defined at Ohio Rev. Code §§ 2307.75(B)(3);
- d. the design or formulation of the Products produced or manufactured by Defendants failed to conform to applicable public or private product standards in

effect when it left the control of the manufacturer since it posed an unreasonably high risk of uterine or ovarian cancer, uterine fibroids, endometriosis in relation to the benefits of the product, among other reasons, as defined at Ohio Rev. Code §§ 2307.75(B)(4);

- e. the design or formulation of the Products produced or manufactured by Defendants is more dangerous than the reasonably prudent consumer would expect when used in an intended or reasonably foreseeable manner in that the risks of injury, as defined above, are more dangerous than one would expect when using Products for hair straightening, among other reasons, all as defined at Ohio Rev. Code §§ 2307.75(B)(5).

250. The Defendants failed to provide an adequate warning as to the risks of the Products and for this reason Defendants may not claim that the Products is not defective in design or formulation, though it is unsafe, as contemplated under Ohio Rev. Code §§ 2307.75(D).

251. As a direct and proximate result of Plaintiff's use of the Products as manufactured, designed, sold, supplied and introduced into the stream of commerce by Defendants, Plaintiff suffered harm, damages and economic loss and will continue to suffer such harm, as set forth in the Ohio Revised Code, including but not limited to Ohio Rev. Code § 2307.73(A).

252. As a direct and proximate result of the foregoing, Plaintiff is entitled to damages pursuant to the Ohio Rev. Code §§ 2307.71-.80, including but not necessarily limited to Ohio Rev. Code §§ 2307.72(A). Further, Defendants' actions and omissions as identified in this Complaint constitute a flagrant disregard for human life, so as to warrant the imposition of punitive damages under the common law and/or Ohio Rev. Code §§ 2307.71-.80, as set forth at Ohio Rev. Code §§ 2307.72(B).

**SEVENTH CAUSE OF ACTION
STRICT PRODUCTS LIABILITY—DEFECTIVE DUE TO INADEQUATE WARNING-
PURSUANT TO OHIO REVISED CODE SECTION 2307.76**

253. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect

as if more fully set forth herein.

254. The Products manufactured and supplied by Defendants was defective due to inadequate warning or instruction because Defendants knew or should have known that the product created significant risks of serious bodily harm, including but not limited to causing uterine or ovarian cancer, uterine fibroids, endometriosis a in general, and they failed to adequately warn consumers and/or their health care providers of such risks, as defined at Ohio Rev. Code §§ 2307.76(A)(1)(a) – (b).

255. In addition to, or in the alternative, the Products manufactured and supplied by Defendants was defective due to inadequate post-marketing warning or instruction because, after Defendants knew or should have known of the risk of serious bodily harm and death from the use of the Products, Defendants failed to provide an adequate warning to consumers and/or their health care providers of the product, knowing the product could cause serious injury and death, as defined at Ohio Rev. Code §§ 2307.76(A)(2)(a) – (b).

256. The risks of the Products were not open and obvious, as defined at Ohio Rev. Code §§ 2307.76(B).

257. As a direct and proximate result of Plaintiff's use of the Products as manufactured, designed, sold, supplied, and introduced into the stream of commerce by Defendants, Plaintiff suffered harm, damages and economic loss and will continue to suffer such harm, as set forth in the Ohio Revised Code, including but not limited to Ohio Rev. Code § 2307.73(A).

258. As a direct and proximate result of the foregoing, Plaintiff is entitled to damages pursuant to the Ohio Rev. Code §§ 2307.71-.80, including but not necessarily limited to Ohio Rev. Code §§ 2307.72(A). Further, Defendants' actions and omissions as identified in this

Complaint constitute a flagrant disregard for human life, so as to warrant the imposition of punitive damages under the common law and/or Ohio Rev. Code §§ 2307.71-.80, as set forth at Ohio Rev. Code §§ 2307.72(B).

**EIGHTH CAUSE OF ACTION
STRICT PRODUCTS LIABILITY DUE TO NON-CONFORMANCE WITH
REPRESENTATIONS PURSUANT TO R.C. 2307.77**

259. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

260. Defendants are the manufacturers, designers, distributors, sellers and/or suppliers of the Products and made representations regarding the character or quality of the product.

261. The Products manufactured and supplied by Defendants were defective in that, when they left the hands of Defendants, they did not conform to representations made by Defendants concerning the product, as defined at Ohio Rev. Code §§ 2307.77.

262. Plaintiff justifiably relied upon Defendants' representations regarding the Products when she used these product.

263. As a direct and proximate result of Plaintiff's use of the Products as manufactured, designed, sold, supplied, and introduced into the stream of commerce by Defendants, Plaintiff suffered harm, damages and economic loss and will continue to suffer such harm, as set forth in the Ohio Revised Code, including but not limited to Ohio Rev. Code § 2307.73(A).

264. As a direct and proximate result of the foregoing, Plaintiff is entitled to damages pursuant to the Ohio Rev. Code §§ 2307.71-.80, including but not necessarily limited to Ohio

Rev. Code §§ 2307.72(A). Further, Defendants' actions and omissions as identified in this Complaint constitute a flagrant disregard for human life, so as to warrant the imposition of punitive damages under the common law and/or Ohio Rev. Code §§ 2307.71-.80, as set forth at Ohio Rev. Code §§ 2307.72(B).

**NINTH CAUSE OF ACTION
NEGLIGENT FAILURE TO WARN**

265. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

266. At all relevant times. Defendants engaged in the design, development, manufacture, marketing, sale, and distribution of the Products in a defective and unreasonably dangerous condition to consumers, including Plaintiff.

267. Defendants knew, or by the exercise of reasonable care, should have known that use of their Products was dangerous, harmful, and injurious when used by Plaintiff in a reasonably foreseeable manner.

268. Defendants knew, or by the exercise of reasonable care, should have known that ordinary consumers such as Plaintiff would not have realized the potential risks and dangers of their Products, and that Products were likely to increase the risks of cancerous growths in women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, ovarian cancer, when used in the manner it was intended and to an extent beyond that would be contemplated by the ordinary consumer.

269. Defendants owed a duty to all reasonably foreseeable consumers to disclose the risks associated with the use of their Products.

270. Defendants breached their duty of care by failing to use reasonable care in providing adequate warnings on their Products, including that Products were likely to increase the risks of cancerous growths in women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, ovarian cancer, when used in the manner it was intended and to an extent beyond that would be contemplated by the ordinary consumer.

271. The failure of Defendants to adequately warn about their defective products, and their efforts to misleadingly advertise through conventional avenues, created a danger of injuries described herein that were reasonably foreseeable at the time of design and/or manufacture and distribution.

272. At all relevant times, Defendants could have provided adequate warnings and instructions to prevent the harms and injuries set forth herein, such as providing full and accurate information about the products in advertising.

273. A reasonable company under the same or similar circumstances would have warned and instructed of the dangers.

274. Plaintiff was injured as a direct and proximate result of Defendants' failure to warn and instruct because she would not have used the Products had she received adequate warnings and instructions that the Products could increase the risks of cancerous growths in women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, ovarian cancer, when used in the manner it was intended and to an extent beyond that would be contemplated by the ordinary consumer.

275. Defendants' lack of adequate and sufficient warnings and instructions, and their inadequate and misleading advertising, was a substantial contributing factor in causing harm to Plaintiff.

276. As a direct and proximate result of Defendants' conduct, including actions, omissions, and misrepresentations, Plaintiff sustained the following damages:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

**TENTH CAUSE OF ACTION
NEGLIGENCE - DESIGN AND/OR MANUFACTURING DEFECT**

277. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

278. At all relevant times. Defendants engaged in the design, development, manufacture, marketing, sale, and distribution of the Products in a defective and unreasonably dangerous condition to consumers, including Plaintiff.

279. Defendants caused the Products to enter the stream of commerce and to be sold through various retailers, where Plaintiff purchased the Products.

280. The Products were expected to, and did, reach consumers, including Plaintiff, without change in the condition in which it was manufactured and sold by Defendants and/or otherwise released into the stream of commerce.

281. Plaintiff used the Products in a manner normally intended, recommended, promoted, and marketed by Defendants.

282. Products failed to perform safely when used by Plaintiff in a reasonably foreseeable manner, specifically increasing her of developing ovarian cancer.

283. The propensity of phthalates and other endocrine receptive chemicals to trigger cancerous growths in women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, ovarian cancer, renders the Products unreasonably dangerous when used in the manner it was intended and to an extent beyond that would be contemplated by the ordinary consumer.

284. Importantly, the Products are an inessential cosmetic product that do not treat or cure any serious disease. Further, safer alternatives, including fragrance free products, have been readily available for decades.

285. Defendants knew, or by the exercise of reasonable care should have known, that the Products are unreasonably dangerous but have continued to design, manufacture, sell, distribute, market, promote, and supply the Products so as to maximize sales and profits at the expense of public health and safety in conscious disregard of the foreseeable harm to the consuming public, including Plaintiff.

286. Defendants owed a duty to all reasonably foreseeable users to design a safe product.

287. Defendants breached their duty by failing to use reasonable care in the design and/or manufacturing of their Products because the Products were unreasonably dangerous in that they increase the risks of cancerous growths in women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, ovarian cancer, renders the Products unreasonably dangerous when used in the manner it was intended and to an extent beyond that would be contemplated by the ordinary consumer.

288. Defendants also breached their duty by failing to use reasonable care by failing to use cost-effective, reasonably feasible alternative designs in the design and/or manufacturing of their Products.

289. A reasonable company under the same or similar circumstances would have designed a safer product.

290. As a direct and proximate result of Defendants' conduct, including actions, omissions, and misrepresentations, Plaintiff sustained the following damages:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

ELEVENTH CAUSE OF ACTION NEGLIGENT MISREPRESENTATION

291. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

292. Defendants had a duty to accurately and truthfully represent to consumers, Plaintiff, and the public, that the Products had been tested and found to be safe and effective for use. The representations made by Defendants, in fact, were false.

293. Defendants failed to exercise ordinary care in the representations concerning the Products while they were involved in their manufacture, sale, testing, quality assurance, quality control, and distribution in interstate commerce, because Defendants negligently misrepresented the Products' high risk of unreasonable, dangerous, adverse side effects.

294. Defendants breached their duty in representing that the Products have no serious side effects.

295. As a foreseeable, direct and proximate result of the negligent misrepresentation of Defendants as set forth herein, Defendants knew, and had reason to know, that the Products had been insufficiently tested, or had not been tested at all, and that they lacked adequate and accurate warnings, and that it created a high risk, and/or higher than acceptable risk, and/or higher than reported and represented risk, of adverse side effects, including, but not limited to, cancer.

296. Plaintiff sustained the following damages as a foreseeable, direct, and proximate result of Defendants' acts and/or omissions:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

**TWELFTH CAUSE OF ACTION
VIOLATION OF THE OHIO CONSUMER SALES PRACTICES ACT**

297. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

298. The Ohio Consumer Sales Practices Act, Ohio R.C. §1345.01 *et seq*, states that, “[u]nfair methods of competition and unfair or deceptive acts or practices . . . are hereby declared unlawful whether any person has in fact been misled, deceived or damaged thereby.”

299. By the conduct described in detail above and incorporated herein, Defendant engaged in unfair or deceptive acts in violation of the Ohio Consumer Sales Practices Act.

300. Plaintiff purchased and used Defendants' Products primarily for personal use and thereby suffered ascertainable losses as a result of Defendants' actions in violation of the consumer protection laws.

301. Had Defendants not engaged in the deceptive conduct described herein, Plaintiff would not have purchased and/or paid for Defendants' product, and would not have incurred related injuries and damages.

302. Defendants engaged in wrongful conduct while at the same time obtaining, under false pretenses, monetary gain from Plaintiff for the Products that would not have been paid had Defendants not engaged in unfair and deceptive conduct.

303. Defendants engaged in unfair methods of competition and deceptive acts or practices that were proscribed by law, including the following:

- a. Representing that goods or services have characteristics, ingredients, uses, benefits, or quantities that they do not have;
- b. Advertising goods or services with the intent not to sell them as advertised;
and
- c. Engaging in fraudulent or deceptive conduct that creates a likelihood of confusion or misunderstanding.

304. Defendants intended for Plaintiff to rely on their representations and advertisements regarding the Products in order to achieve monetary gain from Plaintiff through her purchase of the Products.

305. Plaintiff was injured by the cumulative and indivisible nature of Defendants' conduct. The cumulative effect of Defendants' conduct directed at Plaintiff and other consumers

was to create demand for and sell the Products. Each aspect of Defendants' conduct combined to artificially create sales of the product.

306. Defendants have a statutory duty to refrain from unfair or deceptive acts or trade practices in the design, labeling, development, manufacture, promotion, and sale of the Products.

307. Had Defendants not engaged in the deceptive conduct described above, Plaintiff would not have purchased and/or paid for the product and would not have incurred related injuries and damages.

308. Defendants' intentional, deceptive, unconscionable, and fraudulent representations and material omissions to Plaintiff, physicians, and consumers, constituted unfair and deceptive acts and trade practices in violation of the Ohio Consumer Sales Practices Act.

309. Defendants' actions, as complained of herein, constitute unfair competition or unfair, unconscionable, deceptive or fraudulent acts, or trade practices in violation of the Ohio consumer protection statute.

310. Defendants have engaged in unfair competition or unfair or deceptive acts or trade practices or have made false representations in violation of the Ohio Consumer Sales Practices Act.

311. Under these statutes, Defendants are the suppliers, manufacturers, advertisers, and sellers, who are subject to liability under such legislation for unfair, deceptive, fraudulent and unconscionable consumer sales practices.

312. Defendants violated the statutes that were enacted in these states to protect consumers against unfair, deceptive, fraudulent and unconscionable trade and business practices and false advertising, by knowingly and falsely representing that Defendants' the Products were fit to be used for the purpose for which it was intended, when in fact it was defective and

dangerous, and by other acts alleged herein. These representations were made in marketing and promotional materials.

313. The actions and omissions of Defendants alleged herein are uncured or incurable deceptive acts under the statutes enacted in the states to protect consumers against unfair, deceptive, fraudulent and unconscionable trade and business practices and false advertising.

314. Defendants had actual knowledge of the defective and dangerous condition of Defendants' product and failed to take any action to cure such defective and dangerous conditions.

315. Plaintiff relied upon Defendants' misrepresentations and omissions in determining which product to use.

316. Defendants' deceptive, unconscionable or fraudulent representations and material omissions to Plaintiff and other consumers constituted deceptive acts and practices.

317. By reason of the unlawful acts engaged in by Defendants, and as a direct and proximate result thereof, Plaintiff, suffered ascertainable losses and damages.

318. As a direct and proximate result of Defendants' violations of the State of Ohio's consumer protection laws, Plaintiff sustained the following damages:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

THIRTEENTH CAUSE OF ACTION FRAUD

319. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

320. Defendants, who engaged in the development, manufacture, marketing, sale and distribution of cosmetic and personal care products, including the Products, owed a duty to provide accurate and complete information regarding said products.

321. Defendants fraudulently misrepresented the use of the Products as safe and effective, specifically:

- a. Defendant L'Oréal's and SoftSheen's Dark & Lovely brand products are intentionally labeled as providing a "healthy" gloss, and containing "nourishing" shea butter, and jojoba and avocado oils."
- b. Defendant L'Oréal's Products are intentionally labeled as "Triple Nourished" and a product that "helps preserve signs of healthy hair" with ingredients including but not limited to "Jojoba & Avocado Oil" and "Shea Butter."

322. Defendants knew that these misrepresentations and/or omissions were material, and that they were false, incomplete, misleading, deceptive, and deceitful when they were made.

323. Defendants made the misrepresentations and/or omissions for the purpose of deceiving and defrauding consumers, including Plaintiff, with the intention of having them act and rely on such misrepresentations and/or omissions.

324. Plaintiff relied, with reasonable justification, on the misrepresentations by Defendants, which induced her to purchase and use the Products on a regular basis for decades.

325. Defendants profited, significantly, from their unethical and illegal conduct that fraudulently induced Plaintiff, and millions of other consumers, to purchase a dangerous and defective product.

326. Defendants' actions, and Plaintiff's justifiable reliance thereon, were substantial contributing factors in causing injury and incurrence of substantial damages.

327. As a foreseeable, direct, and proximate result of the aforementioned fraudulent misrepresentations by Defendants, Plaintiff sustained the following damages:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

FOURTEENTH CAUSE OF ACTION FRAUDULENT CONCEALMENT

328. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

329. Defendants owed consumers, including Plaintiff, a duty to fully and accurately disclose all material facts regarding the Products, not to conceal material defects related thereto, not to place these defective products into the stream of commerce, and to fully and accurately label product packaging. To the contrary, Defendants explicitly and/or implicitly represented that the Products were safe and effective.

330. Defendants actively and intentionally concealed and/or suppressed material facts, in whole or in part, to induce consumers, including Plaintiff, to purchase and use the Products and did so at her expense. Specifically:

- a. Defendants have been aware of the positive association between DEHP used in their products and an increased risk of cancer demonstrated by epidemiology studies since at least 2015 that exposure to the phthalates in their products enhance invasive and proliferative activities of endometrial cells.

331. Recent studies have established a statistically significant correlation between Defendants' Products and ovarian cancer.

332. Defendants made the misrepresentations and/or omissions for the purpose of deceiving and defrauding Plaintiff and with the intention of having her act and rely on such misrepresentations and/or omissions.

333. Defendants knew that their concealments, misrepresentations and/or omissions were material, and that they were false, incomplete, misleading, deceptive, and deceitful when they were made. Alternatively, Defendants concealed information, and/or made the representations with such reckless disregard for the truth that knowledge of the falsity can be imputed to them.

334. Defendants profited, significantly, from their unethical and illegal conduct that caused Plaintiff to purchase and habitually use a dangerous and defective product.

335. Defendants' actions and representations, and Plaintiff's justifiable reliance thereon, were substantial contributing factors in causing injury and incurrence of substantial damages.

336. Plaintiff sustained the following damages as a foreseeable, direct, and proximate result of Defendants' acts and/or omissions:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

**FIFTEENTH CAUSE OF ACTION
BREACH OF EXPRESS WARRANTY**

337. Plaintiff repeats, reiterates, and realleges each and every allegation of

this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

338. The Defendants expressly warranted, through direct-to-consumer marketing, advertisements, and labels, that the Products were safe and effective for reasonably anticipated users.

339. The Products did not conform to these express representations because they cause serious injury when used in the manner directed by Defendants in the form of cancer, including, but not limited to, ovarian cancer.

340. Plaintiff sustained the following damages as a foreseeable, direct, and proximate result of Defendants' acts and/or omissions:

341. Economic losses including medical care and lost earnings; and

342. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

**SIXTEENTH CAUSE OF ACTION
AS AGAINST DEFENDANTS
BREACH OF IMPLIED WARRANTIES**

343. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

344. At the time the Defendants manufactured, marketed, labeled, promoted, distributed and/or sold the Products, the Defendants knew of the uses for which the Products were intended and impliedly warranted the Products to be of merchantable quality and safe for such use.

345. Defendants breached their implied warranties of the Products sold to Plaintiff because they were not fit for their common, ordinary and intended uses.

346. Plaintiff sustained the following damages as a foreseeable, direct, and proximate result of Defendants' acts and/or omissions:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

**SEVENTEENTH CAUSE OF ACTION
NEGELIGENT FAILURE TO RECALL**

347. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

348. At all relevant times, Defendants designed, developed, managed, operated, inspected, tested (or not), marketed, advertised, promoted, disseminated, made publicly available, and/or benefited from the Products and, therefore, owed a duty of reasonable care to avoid causing harm to those who used the Products, such as Plaintiff.

349. Defendants knew or should have known through the exercise of reasonable care, the risks to consumers posed by the Products.

350. Defendants knew or, by the exercise of reasonable care, should have known use of the Products was harmful and had the potential to increase the risks of cancerous growths in women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, ovarian cancer, renders the Products unreasonably dangerous

when used in the manner it was intended and to an extent beyond that would be contemplated by the ordinary consumer.

351. Defendants owed a duty to the users of the Products, including Plaintiff, to exercise reasonable care in conducting their business to properly and reasonably design, research, develop, manufacture, produce, process, assemble, inspect, supply, distribute, deliver, broker, market, warn, maintain, repair, modify, recall, retrofit, engineer, test, recommend, advertise, and/or make available the Products.

352. Defendants also owed a continuing duty to Plaintiff to remove, recall, or retrofit the unsafe and/or defective platforms across the United States (including in Plaintiff's state).

353. As discussed, Defendants knew or reasonably should have known that the Products were dangerous and not safe for use.

354. Defendants knew or, in the exercise of reasonable and ordinary care, should have known that the Products were defective and unsafe for Plaintiff, who is a person likely to use the Products for the purpose and in the manner for which the Products were intended to be used and for purposes reasonably foreseeable to Defendants.

355. However, at all times, Defendants negligently breached said duties and unreasonably and negligently allowed the Products to be used by Plaintiff without proper recall or retrofit or warning.

356. Defendants have also not made any reasonable effort to remove and/or retrofit the serious safety risk posed by the Products to consumers.

357. In failing to properly recall and/or retrofit the Products, or even warn of the serious safety risks the platforms pose to consumers and the public, Defendants have failed to act as a

reasonable manufacturer, designer, or distributor would under the same or similar circumstances and failed to exercise reasonable care.

358. Plaintiff was injured as a direct and proximate result of the negligent conduct as described herein.

359. Plaintiff sustained the following damages as a foreseeable, direct, and proximate result of Defendants' acts and/or omissions:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

**EIGHTEENTH CAUSE OF ACTION
MEDICAL MONITORING**

360. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

361. At all relevant times, Defendants designed, developed, managed, operated, inspected, tested (or not), marketed, advertised, promoted, disseminated, made publicly available, and/or benefited from the Products and, therefore, owed a duty of reasonable care to avoid causing harm to those who used the Products, such as Plaintiff.

362. Defendants knew or should have known through the exercise of reasonable care, the risks to consumers posed by the Products.

363. Defendants knew or, by the exercise of reasonable care, should have known use of the Products was harmful and had the potential to increase the risks of cancerous growths in women, including, but not limited to, the uterus, thereby substantially increasing the risk of

cancer, including, but not limited to, ovarian cancer, renders the Products unreasonably dangerous when used in the manner it was intended and to an extent beyond that would be contemplated by the ordinary consumer.

364. Defendants owed a duty to the users of the Products, including Plaintiff, to exercise reasonable care in conducting their business to properly and reasonably design, research, develop, manufacture, produce, process, assemble, inspect, supply, distribute, deliver, broker, market, warn, maintain, repair, modify, recall, retrofit, engineer, test, recommend, advertise, and/or make available the Products.

365. Defendants also owed a continuing duty to Plaintiff to remove, recall, or retrofit the unsafe and/or defective platforms across the United States (including in Plaintiff's state of Ohio).

366. As discussed, Defendants knew or reasonably should have known that the Products were dangerous and not safe for use.

367. As a direct and proximate result of Defendants' conduct, Plaintiff has developed mental and physical health issues that will require life-long monitoring treatment.

368. As a direct and proximate result of Defendants' conduct, Plaintiff has a significantly increased risk of developing a serious latent disease and/or injury, suffering further injury at an unknown date in the future.

369. Monitoring procedures exist that makes the early detection and prevention of the above EDC-related and/or induced diseases and mental health issues possible. Many of the above physical and mental issues can lead to other physical and mental health injuries long-term that can be detected and prevented by existing medical and psychological testing and treatment.

370. These procedures are different from that normally recommended in the absence of the exposure. These monitoring procedures include non-routine surveillance studies, laboratory testing, and physical examinations, and would be reasonably necessary according to contemporary scientific principles.

371. The injuries Defendants' Products cause on the human body has already been inflicted in its users, such as Plaintiff, but the full extent of the injury will not manifest until later in Plaintiff's life. Thus, because of Defendants' conduct, it is reasonably necessary that Plaintiff be placed under periodic screening and/or diagnostic testing beyond that normally recommended in the absence of the issues Plaintiff has suffered due to use of these Products.

372. Plaintiff demands judgment against Defendants for medical monitoring damages to diagnose the platforms induced injuries at an earlier date to allow for timely treatment and prevention of exacerbation of injuries, together with interest, costs of suit, attorneys' fees, and all such other relief as the Court deems proper.

TOLLING, FRAUDULENT CONCEALMENT AND ESTOPPEL

373. Plaintiff repeats, reiterates, and realleges each and every allegation of this Complaint contained in each of the foregoing paragraphs inclusive, with the same force and effect as if more fully set forth herein.

374. Plaintiff did not discover and could not have discovered through the exercise of reasonable diligence that exposure to Defendants' hair care products is injurious to human health until recent studies became public.

375. Plaintiff did not discover and did not know of facts that would cause a reasonable person to suspect the risk associated with the use of Defendants' hair care products, as set forth in this Complaint, nor would a reasonable and diligent investigation by Plaintiff have disclosed that

Defendants' hair care products would cause Plaintiff's diagnosis of cancer.

376. The expiration of any applicable statute of limitations has been equitably tolled by reason of Defendants' misrepresentations and concealment. Through affirmative misrepresentations and omissions, Defendants actively concealed from Plaintiff the true risks associated with use of Defendants' Products.

377. As a result of Defendants' actions, Plaintiff could not reasonably have known or learned through reasonable diligence that Plaintiff has been exposed to the risks alleged herein and that those risks were the direct and proximate result of Defendants' acts and omissions.

378. Defendants are estopped from relying on any statute of limitations because of their concealment of the truth regarding the safety of Defendants' hair care products. Defendants had a duty to disclose the true character, quality, and nature of Defendants' hair care products because this was non-public information over which Defendants continue to have control. Defendants knew that this information was not available to Plaintiff, Plaintiff's medical providers and/or health facilities, yet Defendants failed to disclose the information to the public, including Plaintiff.

379. Defendants had the ability to and did spend enormous amounts of money in furtherance of marketing and promoting a profitable product, notwithstanding the known or reasonably knowable risks to Defendants. Plaintiff and medical professionals could not have afforded to and could not have possibly conducted studies to determine the nature, extent, and identity of related health risks and were forced to rely on Defendants' representations.

PRAYER FOR RELIEF

WHEREFORE, Plaintiff demands judgment against Defendants on each of the above-referenced claims and causes of action, and as follows:

1. Awarding compensatory damages in excess of \$75,000, including, but not limited to pain, suffering, emotional distress, loss of enjoyment of life, and other non-economic damages in an amount to be determined at trial of this action;
2. Awarding economic damages in the form of medical expenses, out of pocket expenses, lost earnings, and other economic damages in an amount to be determined at trial of this action;
3. Punitive and/or exemplary damages for the wanton, willful, fraudulent, reckless acts of the Defendants who demonstrated a complete disregard and reckless indifference for the safety and welfare of the general public and Plaintiff in an amount sufficient to punish Defendants and deter future similar conduct;
4. Prejudgment interest;
5. Post judgment interest;
6. Awarding Plaintiff's reasonable attorneys' fees;
7. Awarding Plaintiff the costs of these proceedings; and
8. Such other and further relief as this Court deems just and proper.

Dated: February 28, 2023

Respectfully submitted,

/s/ Richard W. Schulte
Richard W. Schulte (OH# 0066031)
WRIGHT & SCHULTE, LLC
865 S. Dixie Dr.
Vandalia, Ohio 45377
Tel: (937) 435-7500
Fax: (937) 435-7511
rschulte@yourlegalhelp.com